API Well Number: 43013525510000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Kozar 2-5C4	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** ALTAMONT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.	**7. OPERATOR PHONE** 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002	**9. OPERATOR E-MAIL** maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee **11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Julian Kozar	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 8583462247
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 27636 Ynez Road L-7 #309, ,	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●	**19. SLANT** VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2100 FSL 1000 FWL	NWSW	5	3.0 S	4.0 W	U
Top of Uppermost Producing Zone	2100 FSL 1000 FWL	NWSW	5	3.0 S	4.0 W	U
At Total Depth	2100 FSL 1000 FWL	NWSW	5	3.0 S	4.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1000	**23. NUMBER OF ACRES IN DRILLING UNIT** 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2100	**26. PROPOSED DEPTH** MD: 12700 TVD: 12700
27. ELEVATION - GROUND LEVEL 5997	**28. BOND NUMBER** 400JU0708	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Duchesne City

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	13.375	0 - 600	54.5	J-55 ST&C	8.8	Class G	1292	1.15	15.8
Surf	12.25	9.625	0 - 2500	40.0	N-80 LT&C	9.3	Unknown	312	3.16	11.0
							Unknown	191	1.33	14.3
I1	8.75	7	0 - 9500	29.0	HCP-110 LT&C	10.3	Unknown	292	3.67	11.0
							Unknown	91	1.91	12.5
L1	6.125	5	9300 - 12700	18.0	P-110 ST-L	13.5	Unknown	201	1.47	14.2

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Maria S. Gomez	**TITLE** Principal Regulatory Analyst	**PHONE** 713 997-5038
SIGNATURE	**DATE** 10/10/2013	**EMAIL** maria.gomez@epenergy.com

API NUMBER ASSIGNED
43013525510000

APPROVAL

Permit Manager

RECEIVED: December 17, 2013

Kozar 2-5C4
Sec. 5, T3S, R4W
DUCHESNE COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River (GRRV)	4,659' TVD
Green River (GRTN1)	5,779' TVD
Mahogany Bench	6,364' TVD
L. Green River	7,724' TVD
Wasatch	9,554' TVD
T.D. (Permit)	12,700' TVD

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River (GRRV)	4,659' MD / TVD
	Green River (GRTN1)	5,779' MD / TVD
	Mahogany Bench	6,364' MD / TVD
Oil	L. Green River	7,724' MD / TVD
Oil	Wasatch	9,554' MD / TVD

3. **Pressure Control Equipment:** (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 600' MD/TVD. A 4.5" by 13-3/8" Smith Rotating Head from 600' MD/TVD to 2,500' MD/TVD on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 2,500' MD/TVD to 9,500' MD/TVD. A 10M BOE w/ rotating head, 5M annular, blind rams & mud cross from 9,500' MD/TVD to TD (12,700' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nippled up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly

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cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with 3-½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

A) Pason Gas Monitoring 600' - TD
B) Mud logger with gas monitor – 2,500' to TD (12,700' MD/TVD)
C) Choke manifold with one manual and one hydraulic operated choke
D) Full opening floor valve with drill pipe thread
E) Upper and lower Kelly cock
F) Shaker, de-sander and centrifuge

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.
All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.3
Intermediate	WBM	9.3 – 10.3
Production	WBM	10.3 – 13.5

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Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

Logs:
Mud Log: 2,500' MD/TVD – TD (12,700' MD/TVD)
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,700' TVD equals approximately 8,915 psi. This is calculated based on a 0.702 psi/ft gradient (13.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,121 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,500' TVD = 7,600 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 6,121 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

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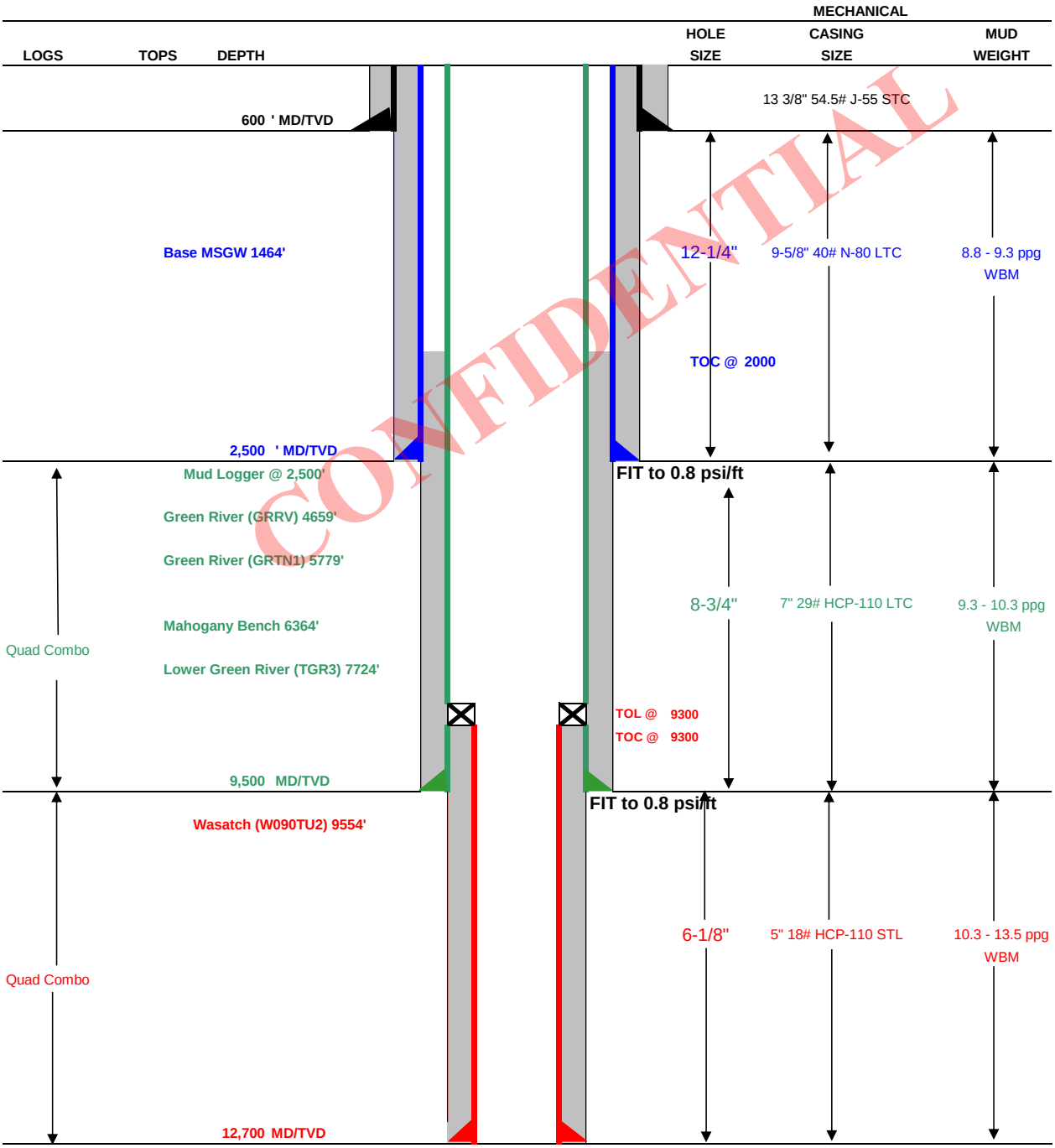
EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	August 26, 2013
Well Name:	Kozar 2-5C4	**TD:**	12,700
Field, County, State:	Altamont, Duchesne, Utah	**AFE #:**	TBD
Surface Location:	Sec 5 T3S R4W 2100' FSL 1000' FWL	**BHL:**	Straight Hole
Objective Zone(s):	Green River, Wasatch	**Elevation:**	5997
Rig:	Precision 404	**Spud (est.):**	TBD

BOPE Info: 4.5 x 13 3/8 rotating head from 600' to 2,500' 11 5M BOP stack and 5M kill lines and choke manifold used from 2,500' to 9,500' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9,500' to TD



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DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	600	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	2500	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	9500	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	9300	12700	18.00	HCP-110	STL	13,950	14,360	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CACL2	1292	100%	15.8 ppg	1.15
SURFACE	Lead	2,000	EXTENDACEM (TM) SYSTEM: 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	312	75%	11.0 ppg	3.16
	Tail	500	HALCEM (TM) SYSTEM: 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	191	50%	14.3 ppg	1.33
INTERMEDIATE	Lead	6,500	EXTENDACEM (TM) SYSTEM: 6% Cal-Seal 60 + 5 lbm/sk Silicalite Compacted + 2% Econolite + 0.5% D-AIR 5000 + 5 lbm/sk Kol-Seal + 0.25 lbm/sk Poly-E-Flake + 1 lbm/sk Granulite TR 1/4 + 2% Microbond M + 10% Enhancer 923	292	10%	11.0 ppg	3.67
	Tail	1,000	EXPANDACEM (TM) SYSTEM: 0.2% Econolite + 0.3% Versaset + 0.9% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		3,400	EXTENDACEM (TM) SYSTEM: 0.3% Super CBL + 0.1% SA-1015 + 0.3% Halad(R)-413 + 0.5% SCR-100 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1	201	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 7,700'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Tommy Gaydos

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EP ENERGY E&P COMPANY, L.P.
KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 6.05 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL SOUTHEASTERLY ON GRAVEL ROAD 0.65 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL EAST ON A GRAVEL ROAD 0.31 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL NORTH ON A GRAVEL ROAD 0.30 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS EAST 0.15 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.46 MILES.

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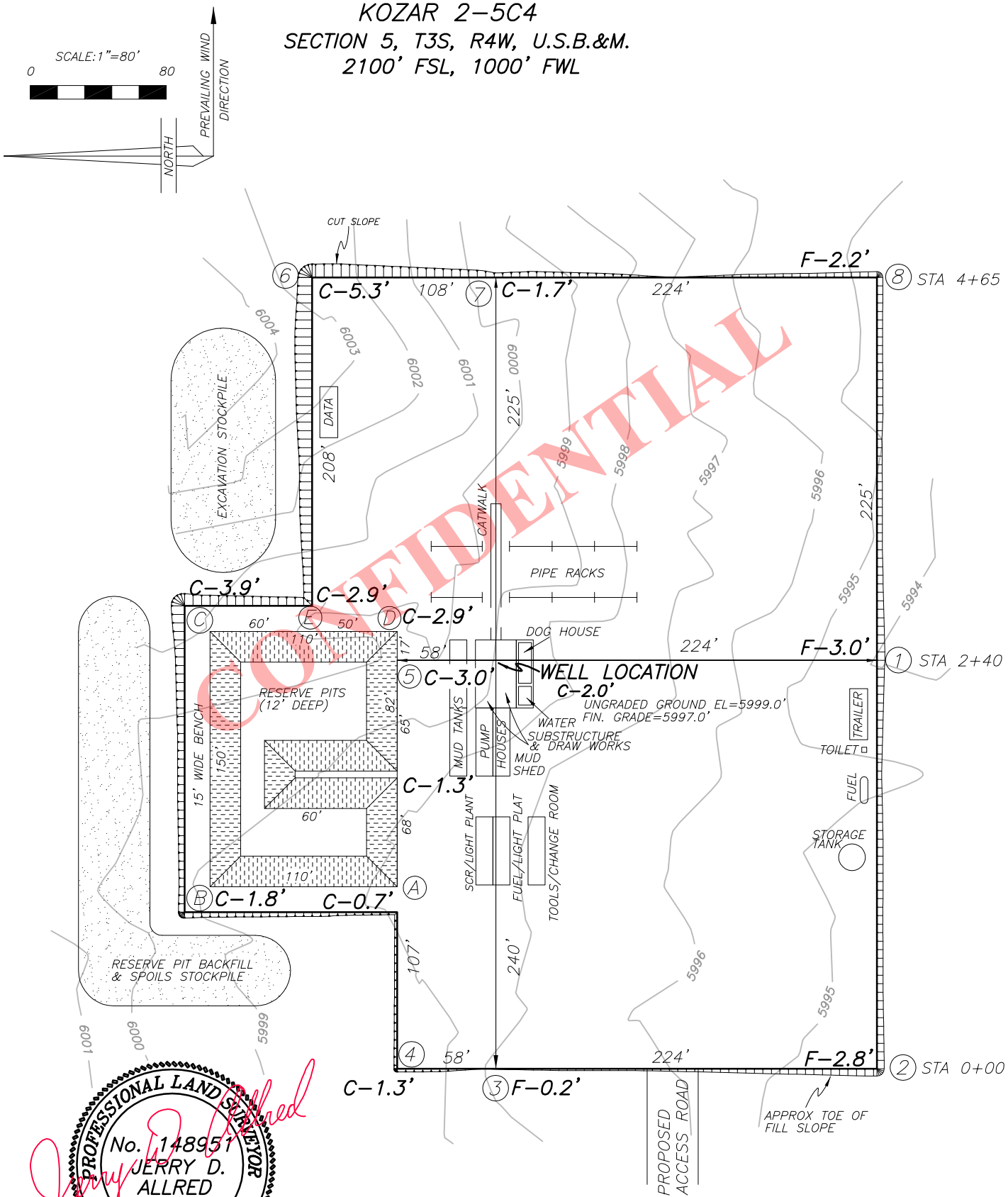
EP ENERGY E&P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.
2100' FSL, 1000' FWL



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
23 AUG '13
STATE OF UTAH

Jerry D. Allred

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

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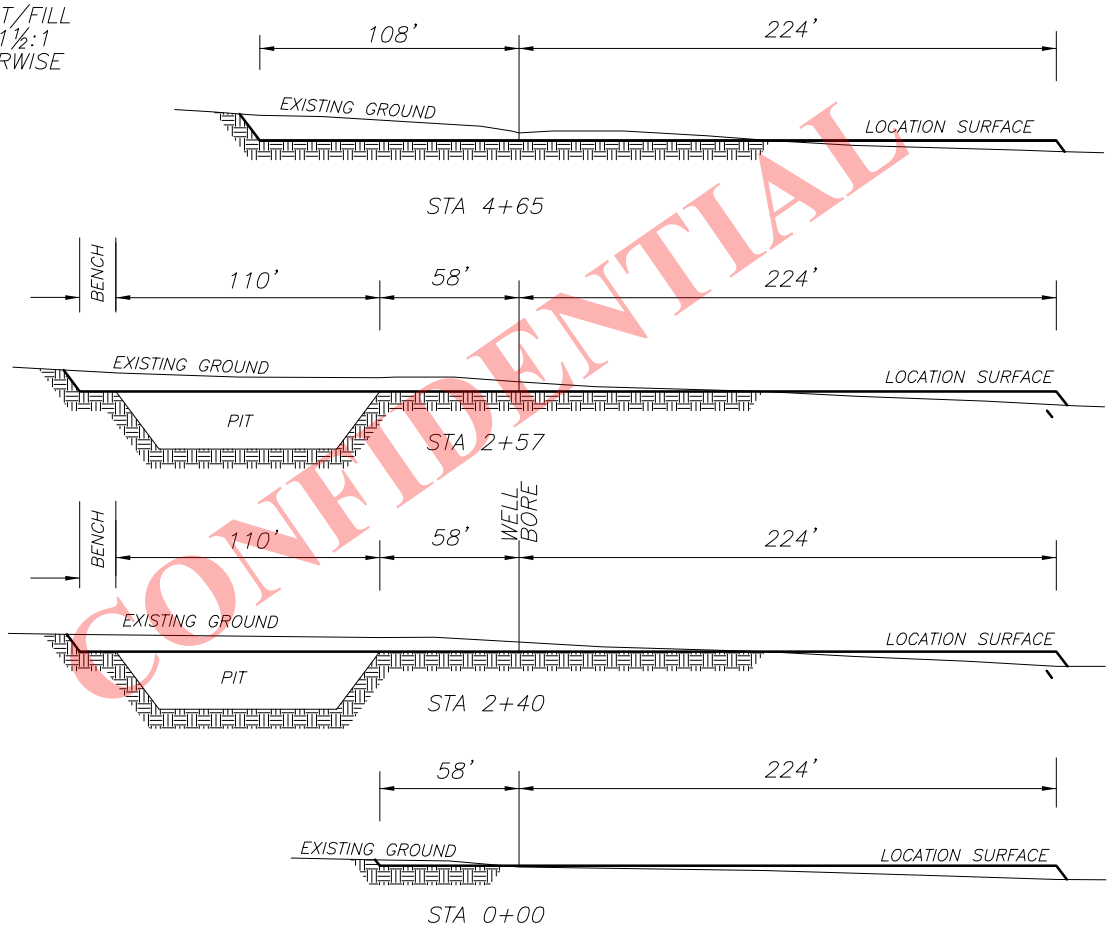
EP ENERGY E&P COMPANY, L.P.

LOCATION LAYOUT FOR
KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.
2100' FSL, 1000' FWL

FIGURE #2

1"=40'
X-SECTION SCALE
1"=80'

NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 14,017 CU. YDS.

PIT CUT	=	4955 CU. YDS.
TOPSOIL STRIPPING: (6")	=	3147 CU. YDS.
REMAINING LOCATION CUT	=	5915 CU. YDS

TOTAL FILL = 4502 CU. YDS.

LOCATION SURFACE GRAVEL=1730 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=211 CU. YDS.

PROFESSIONAL LAND SURVEYOR
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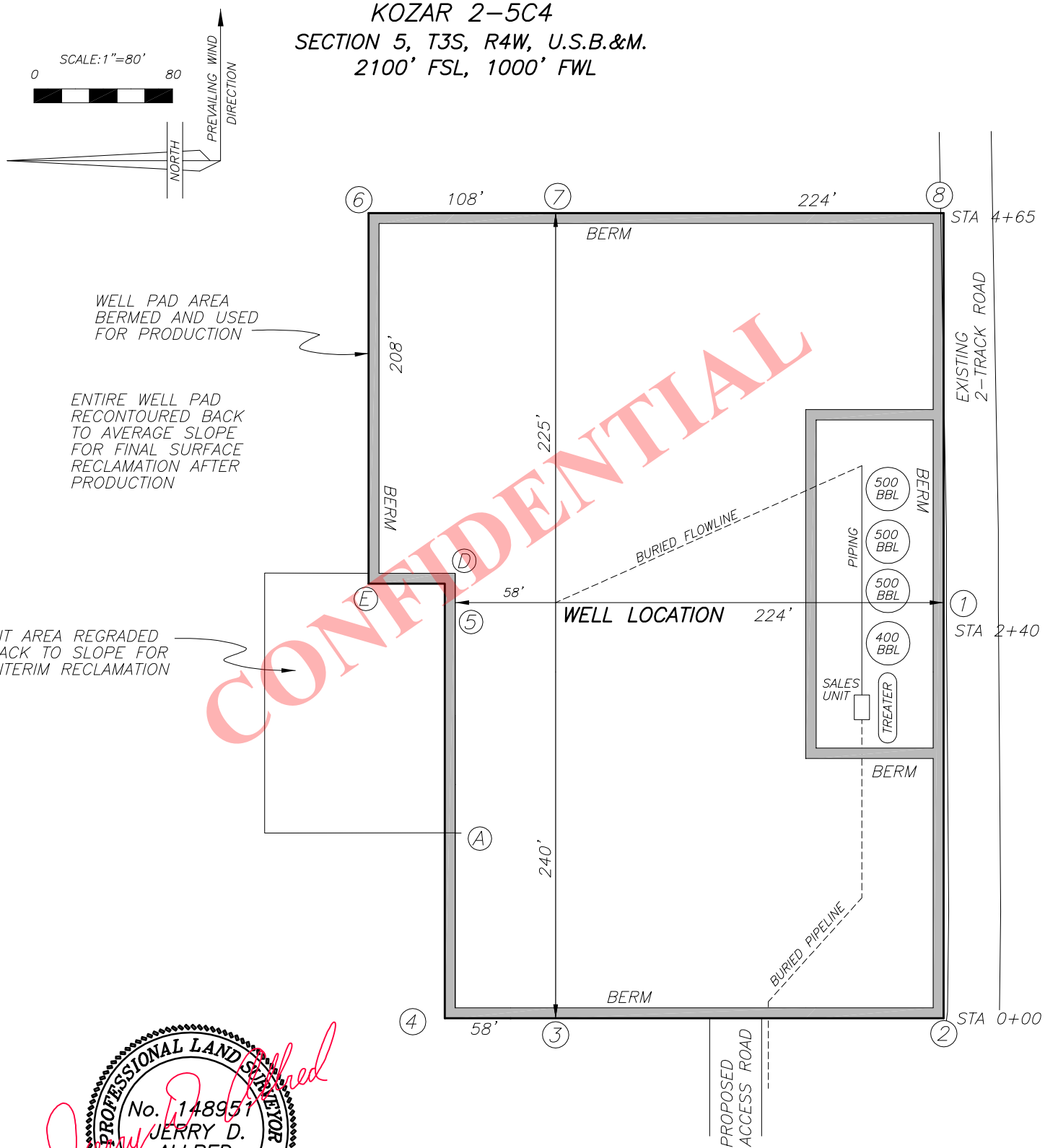
EP ENERGY E&P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.
2100' FSL, 1000' FWL



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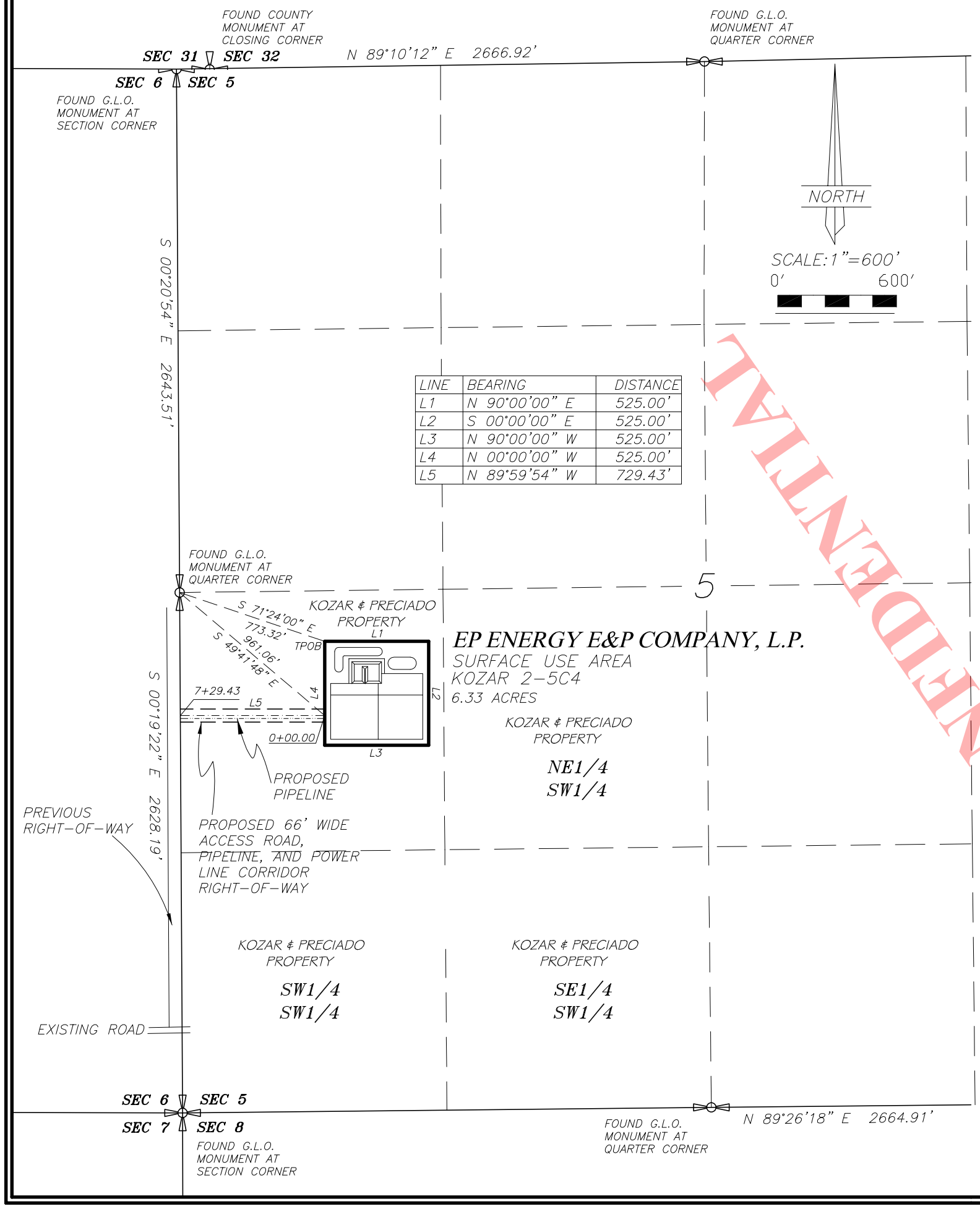

CONFIDENTIAL

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

EP ENERGY E&P COMPANY, L.P.

KOZAR 2-5C4

SECTION 5, T3S, R4W, U.S.B.&M.

DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the West Quarter Corner of Section 5, Township 3 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 71°24'00" East 773.32 feet to the TRUE POINT OF BEGINNING;
Thence North 90°00'00" East 525.00 feet;
Thence South 00°00'00" East 525.00 feet;
Thence South 90°00'00" West 525.00 feet;
Thence North 00°00'00" West 525.00 feet to the TRUE POINT OF BEGINNING, containing 6.33 acres.

ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide, access road, pipeline, and power line right-of-way over portions of Section 5, Township 3 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of which is further described as follows:
Commencing at the West Quarter Corner of said Section 5;
Thence South 49°41'48" East 961.06 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the EP Energy E&P Co. Kozar 2-5C4 well location use area boundary;
Thence North 89°59'54" West 729.43 feet to the West line of said Section 5 and an existing road right-of-way. Said right-of-way being 729.43 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said West section line.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
23 AUG '13
STATE OF UTAH

Jerry D. Allred, Professional Land Surveyor, Certificate 148951 (Utah)

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

23 AUG 2013 01-128-439

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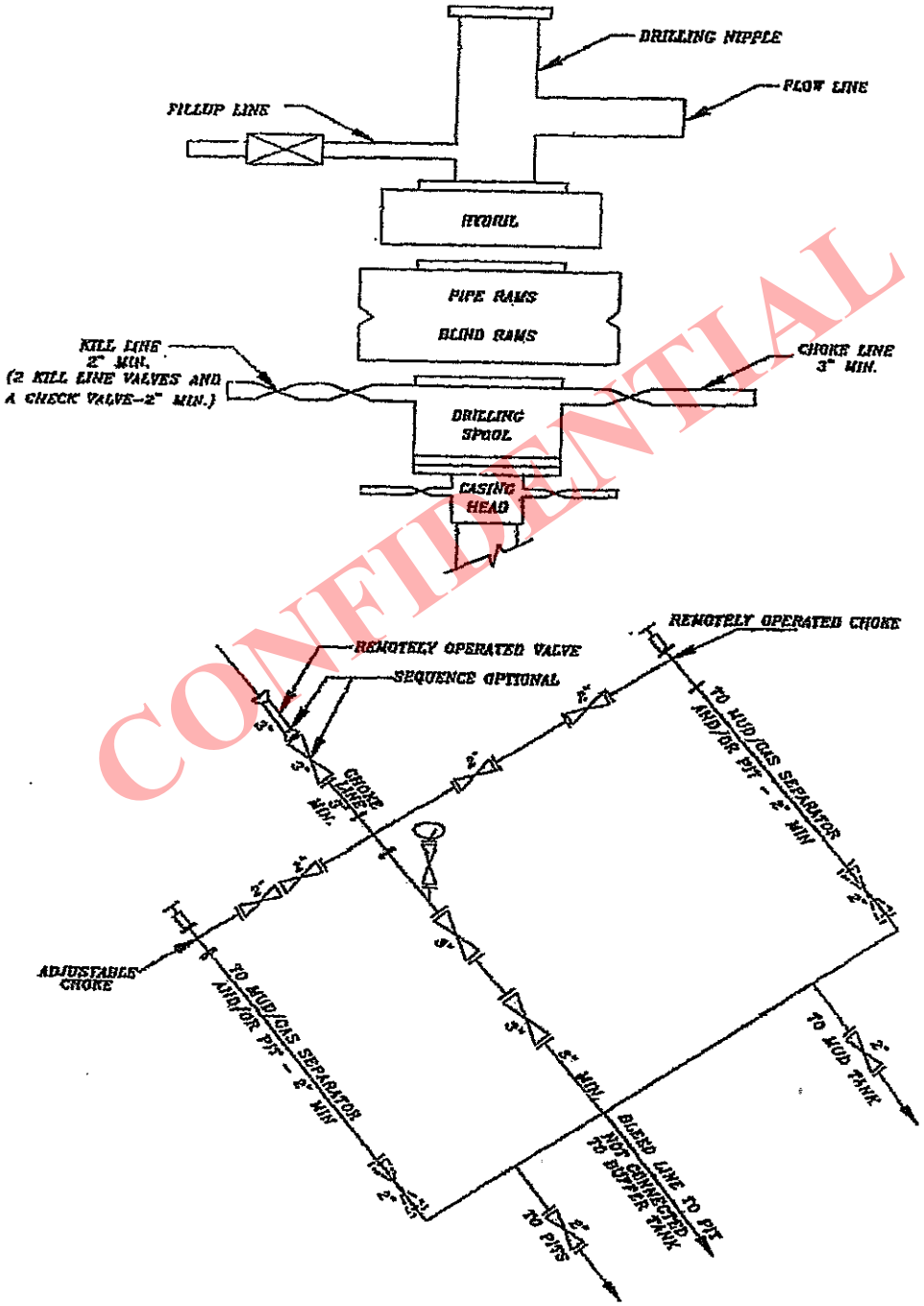
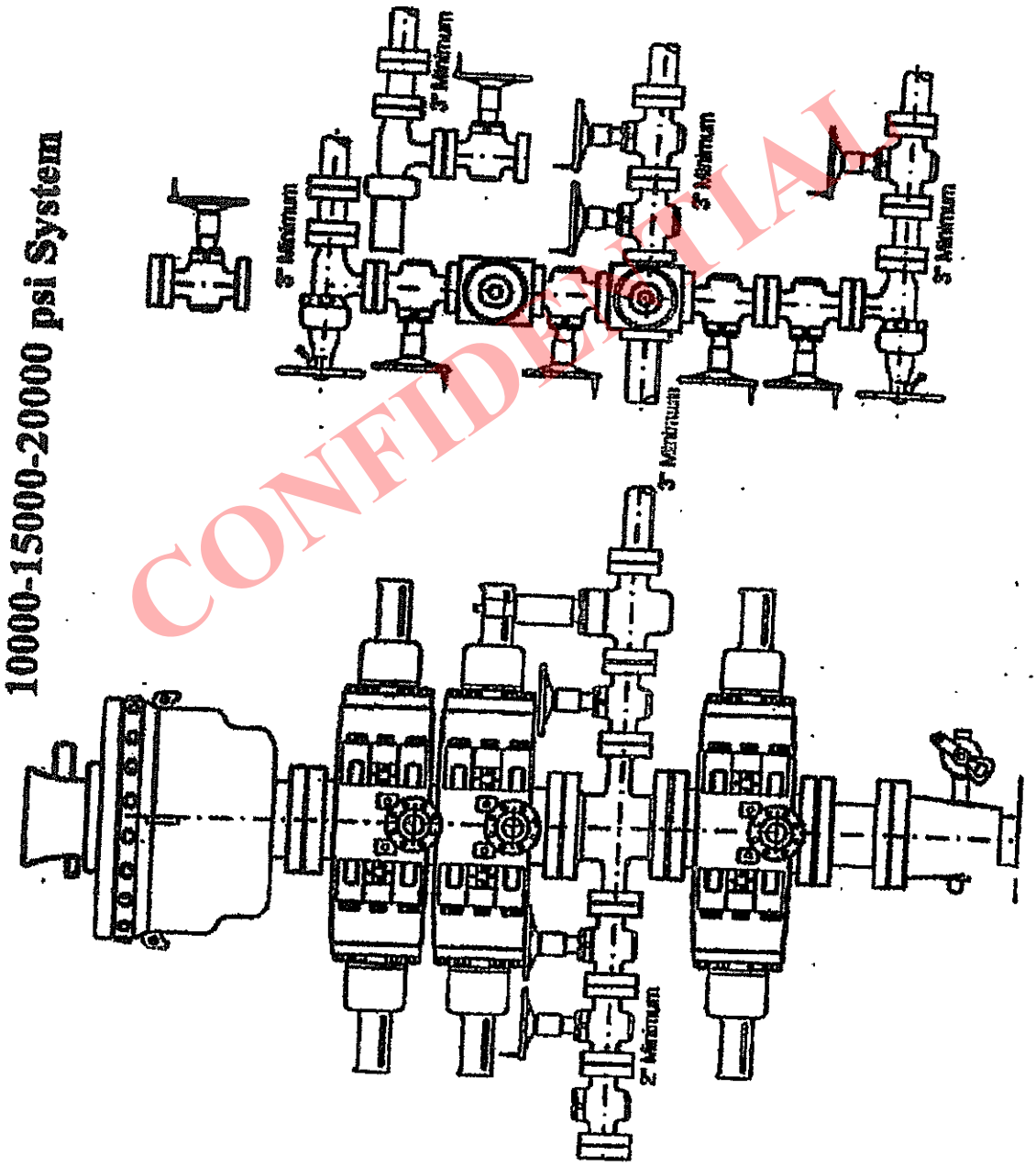
5M BOP STACK and CHOKE MANIFOLD SYSTEM



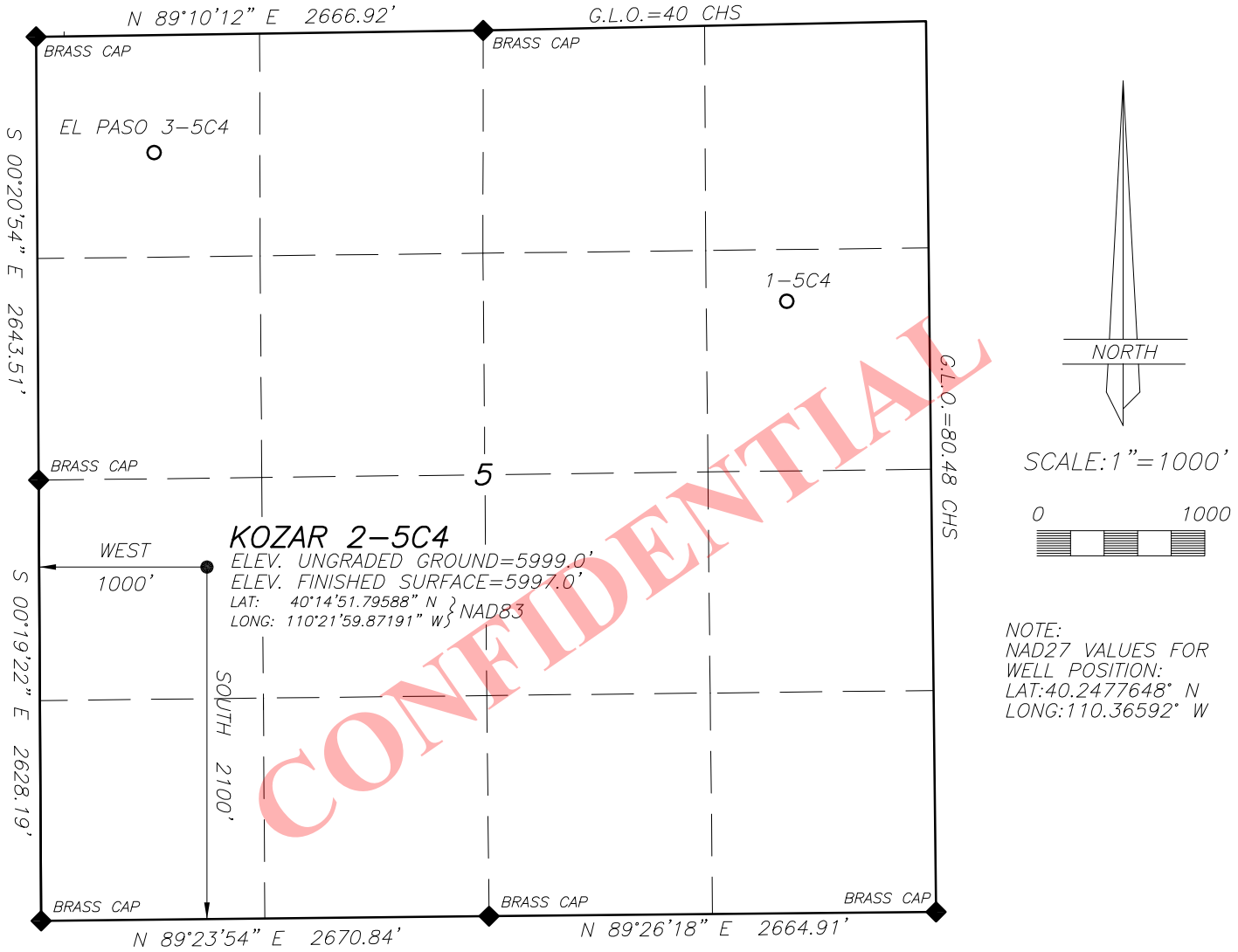


EP ENERGY E&P COMPANY, L.P.

WELL LOCATION

KOZAR 2-5C4

LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 5, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.2477648° N
LONG:110.36592° W

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19760"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
22 AUG '13
STATE OF UTAH

Jerry D. Allred

JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

JERRY D. ALLRED & ASSOCIATES
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1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

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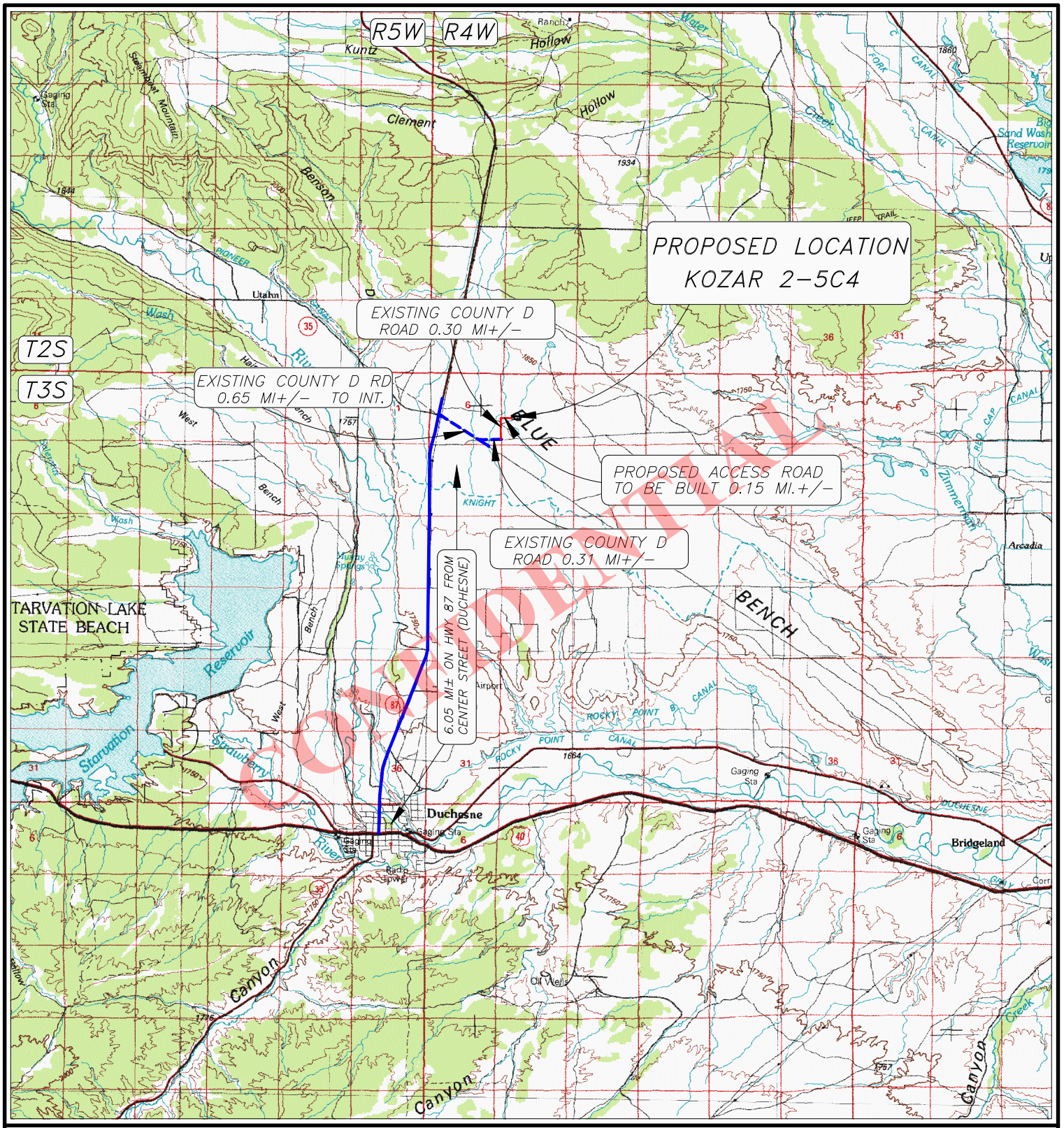

LEGEND:

PROPOSED WELL LOCATION

01-128-289

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EL PASO E&P COMPANY, L.P.

KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.
2100 FSL 1000' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'
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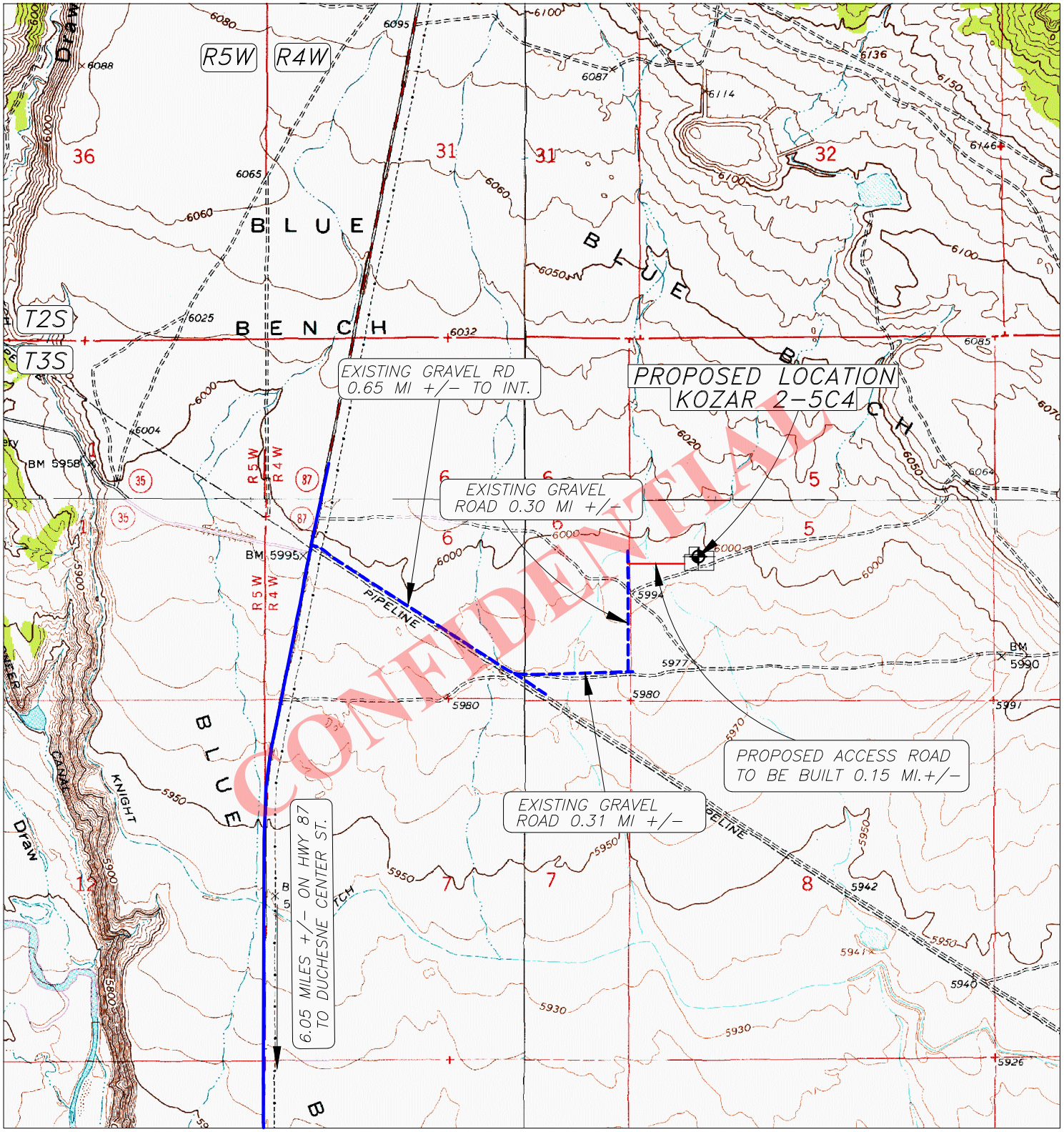
API Well Number: 43013525510000



LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD

01-128-439

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NORTH

EL PASO E&P COMPANY, L.P.

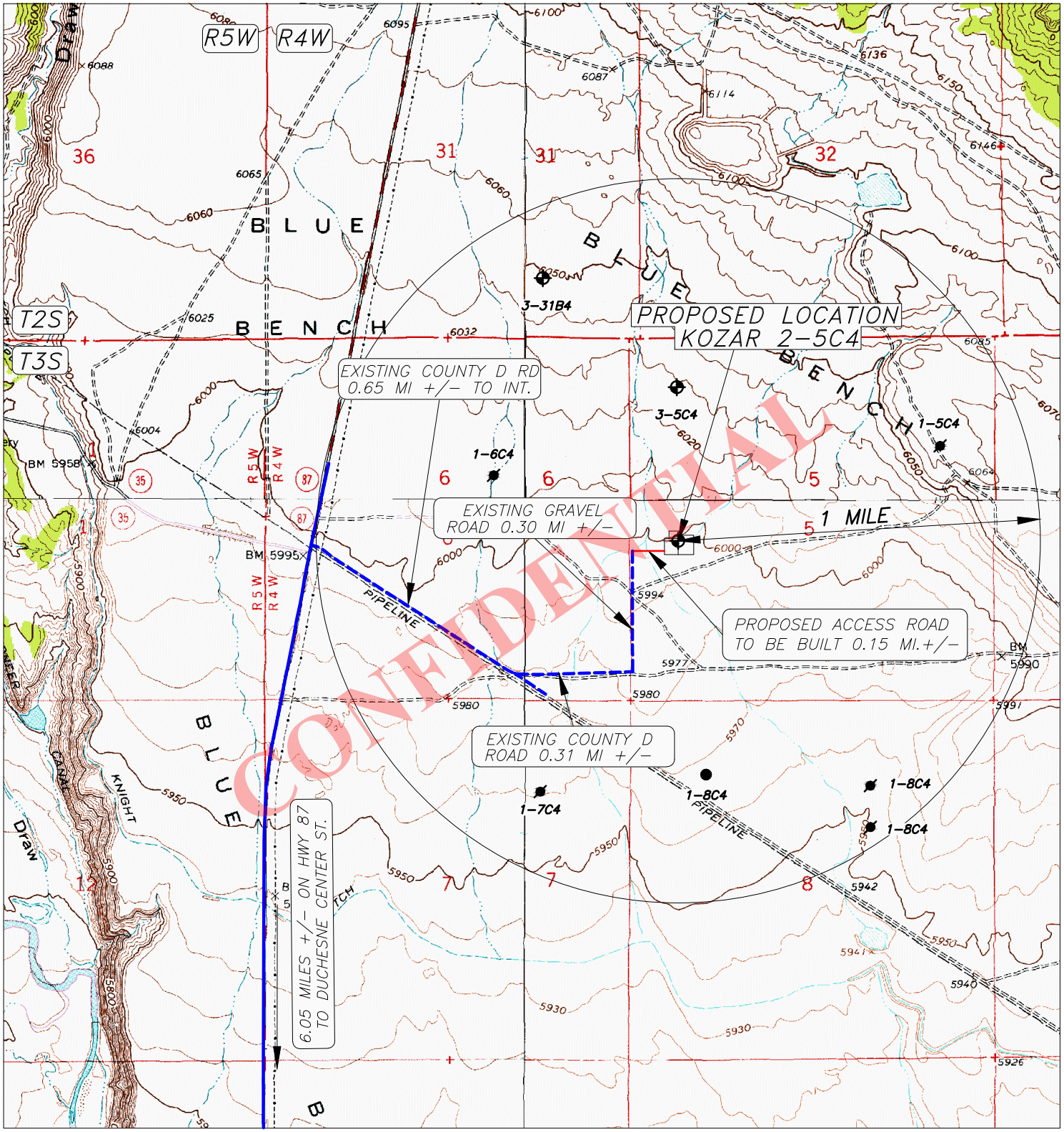
KOZAR 2-5C4
SECTION 5, T3S, R4W, U.S.B.&M.
2100' FSL 1000' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
22 AUG 2013

RECEIVED: October 10, 2013

API Well Number: 43013525510000



LEGEND:

- PROPOSED WELL LOCATION
- OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-439

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EL PASO E&P COMPANY, L.P.

KOZAR 2-5C4

SECTION 5, T3S, R4W, U.S.B.&M.

2100' FSL 1000' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'

22 AUG 2013

RECEIVED: October 10, 2013

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Jacquelyn L. Lynch personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Jacquelyn L. Lynch. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana St., Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Kozar 2-5C4 well (the "Well") to be located in the NW/4SW/4 of Section 5, Township 3 South, Range 4 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Julian Kozar and Alvaro Preciado, III (collectively, the "Surface Owners"). Mr. Kozar's address is 27636 Ynez Road L-7 #309, Temecula, CA 92591 and telephone number is (858) 346-2247. Mr. Preciado's address is 3357 Via Del Cielo, Fallbrook, CA and telephone number is (949) 514-5819.
3. EP Energy and the Surface Owners have entered into a Damage Settlement and Release Agreement dated September 10, 2013 and September 13, 2013, respectively, to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owners' property as a result of operations associated with the drilling of the Well.

FURTHER AFFIANT SAYETH NOT.

Jacquelyn L. Lynch

ACKNOWLEDGMENT

STATE OF TEXAS §
§
CITY AND COUNTY OF HARRIS §

Before me, a Notary Public, in and for this state, on this 20th day of September 2013, personally appeared Jacquelyn L. Lynch, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

TERESA A. WALKER
Notary Public, State of Texas
My Commission Expires
June 14, 2017

Notary ID# 12533182-6

Application for Permit to Drill – State DOGM
Kozar 2-5C4
Duchesne County, Utah

EP Energy E&P Company, L.P.

Related Surface Information

1. **Current Surface Use:**
   - Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**
   - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
   - The topsoil will be windrowed and re-spread in the borrow area.
   - New road to be constructed will be approximately .15 miles in length and 66 feet wide.
   - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**
   - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. **Location And Type Of Drilling Water Supply:**
   - Drilling water: Duchesne City Water

5. **Existing/Proposed Facilities For Productive Well:**
   - There are no existing facilities that will be utilized for this well.
   - A pipeline corridor .15 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
   - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**
   - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. **Methods For Handling Waste Disposal:**
   - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be place in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
   - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
   - Sewage will be handled in Portable Toilets.
   - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
   - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. **Ancillary Facilities:**
   - There will be no ancillary facilities associated with this project.

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9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.

1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.

- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Julian Kozar
27636 Ynez Road L-7 #309
Temecula, CA 92591
858-346-2247

Alvaro Preciado, III
3357 Via Del Cielo
Fallbrook, CA
949-514-5819

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

- **Operator and Contact Persons:**

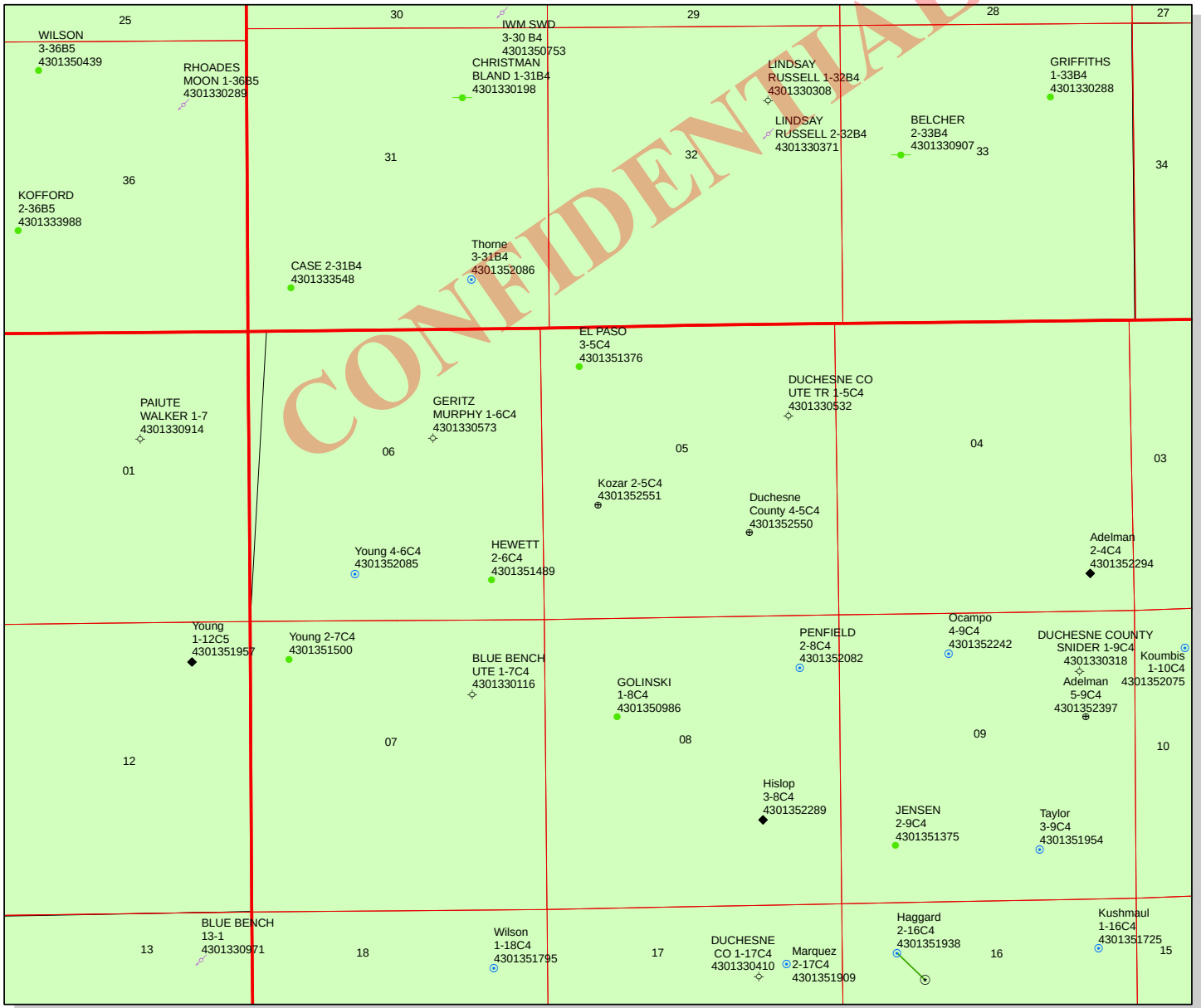
Construction and Reclamation:
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling
EP Energy E&P Company, L.P.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660D
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell

RECEIVED: October 10, 2013

API Well Number: 43013525510000



API Number: 4301352551

Well Name: Kozar 2-5C4

Township: T03.0S Range: R04.0W Section: 05 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 10/10/2013
Map Produced by Diana Mason

Wells Query

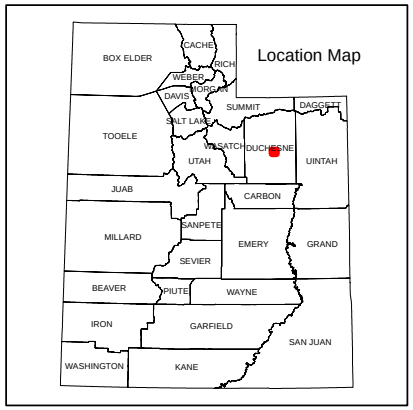
Status

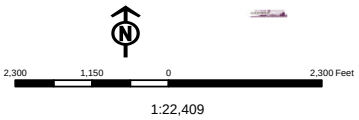
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED





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RECEIVED: October 10, 2013

API Well Number: 43013525510000

BOPE REVIEW EP ENERGY E&P COMPANY, L.P. Kozar 2-5C4 43013525510000

Well Name	EP ENERGY E&P COMPANY, L.P. Kozar 2-5C4 43013525510000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	5.000
Setting Depth (TVD)	600	2500	9500	12700
Previous Shoe Setting Depth (TVD)	0	600	2500	9500
Max Mud Weight (ppg)	8.8	9.3	10.3	13.5
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	9950	13940
Operators Max Anticipated Pressure (psi)	8915			13.5

Calculations	Cond String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	275		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	203	YES	4.5
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	143	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	143	NO	OK
Required Casing/BOPE Test Pressure=		600	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	1209		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	909	YES	4.5
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	659	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	791	NO	OK
Required Casing/BOPE Test Pressure=		2500	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		600	psi	*Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	5088		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3948	YES	5M BOPE, 5M kill lines, choke manifold
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2998	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3548	NO	OK
Required Casing/BOPE Test Pressure=		6965	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		2500	psi	*Assumes 1psi/ft frac gradient

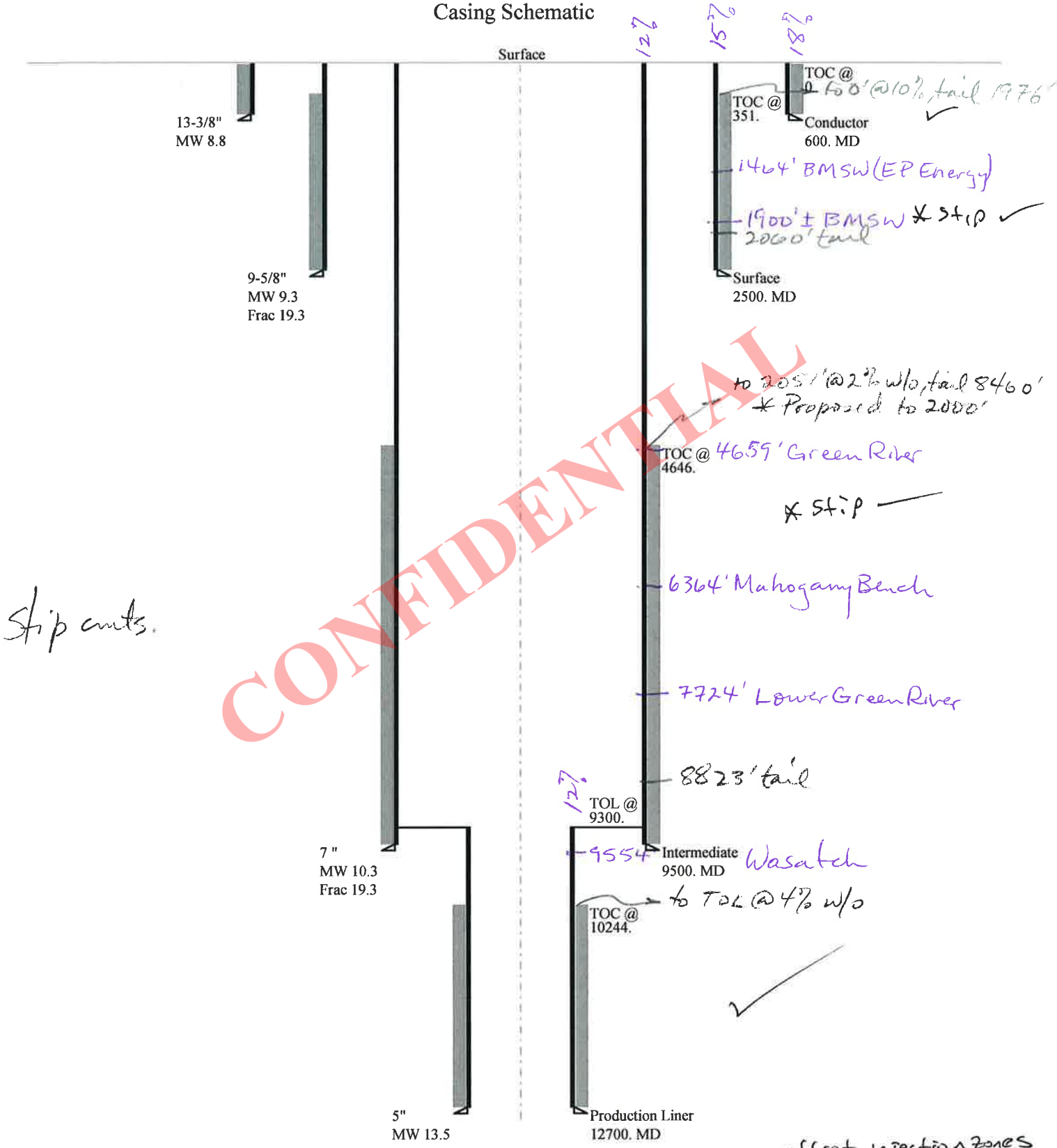
Calculations	L1 String	5.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	8915		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7391	YES	10M BOPE w/rotating head, 5M annular,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6121	YES	blind rams, mud cross
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8211	YES	OK
Required Casing/BOPE Test Pressure=		9758	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		9500	psi	*Assumes 1psi/ft frac gradient

RECEIVED: December 17, 2013

API Well Number: 43013525510000

43013525510000 Kozar 2-5C4

Casing Schematic



offset injection zones

4301330371 – 2464-3720' – ±1 mile NE
4301350753 – 4061' to 5130' – ±2 mile N
4301330289 – 4016' to 5855' – ± 2 mile NW
4301330971 – 4106' to 7528' – ±2 miles SW

API Well Number: 43013525510000

Well name:	**43013525510000 Kozar 2-5C4**
Operator:	**EP ENERGY E&P COMPANY, LP.**
String type:	Conductor
Project ID:	43-013-52551
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 202 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 274 psi
Annular backup: 1.50 ppg

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 522 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	7445

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	274	1130	4.120	228	2730	12.00	28.4	514	18.07 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 26,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 600 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013525510000

Well name:	**43013525510000 Kozar 2-5C4**
Operator:	**EP ENERGY E&P COMPANY, LP.**
String type:	Surface
Project ID:	43-013-52551
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 9.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,500 psi
Annular backup: 1.50 ppg

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 2,154 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 351 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 9,500 ft
Next mud weight: 10.300 ppg
Next setting BHP: 5,083 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2500	9.625	40.00	N-80	LT&C	2500	2500	8.75	31811

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1208	3090	2.558	2305	5750	2.49	86.2	737	8.55 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 26,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2500 ft, a mud weight of 9.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013525510000

Well name:	**43013525510000 Kozar 2-5C4**
Operator:	**EP ENERGY E&P COMPANY, LP.**
String type:	Intermediate
Project ID:	43-013-52551
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 10.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 6,112 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,202 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on buoyed weight.
Neutral point: 8,019 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 207 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 4,646 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 12,700 ft
Next mud weight: 13.500 ppg
Next setting BHP: 8,906 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,500 ft
Injection pressure: 9,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	9500	7	29.00	HCP-110	LT&C	9500	9500	6.059	107280

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5083	9200	1.810	8202	11220	1.37	232.6	797	3.43 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 26,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9500 ft, a mud weight of 10.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013525510000

Well name:	**43013525510000 Kozar 2-5C4**
Operator:	**EP ENERGY E&P COMPANY, LP.**
String type:	Production Liner
Project ID:	43-013-52551
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 6,112 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,906 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on buoyed weight.
Neutral point: 12,001 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 252 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,244 ft

Liner top: 9,300 ft
Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	3400	5	18.00	HCP-110	ST-L	12700	12700	4.151	269280

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	8906	15360	1.725 ✓	8906	13940	1.57	48.6	341	7.01 J
	R110	13450	1.510 ✓						

ok.

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 26,2013
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 12700 ft, a mud weight of 13.5 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Kozar 2-5C4
API Number 43013525510000 **APD No** 8708 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWSW **Sec** 5 **Tw** 3.0S **Rng** 4.0W 2100 FSL 1000 FWL
GPS Coord (UTM) **Surface Owner** Julian Kozar

Participants
Jared Thacker, Heather Ivie, Kelsey Carter (EP Energy); Dennis Ingram (Utah Division of Oil, gas & Mining)

Regional/Local Setting & Topography
The Kozar 2-5C4 is located in northeastern Utah approximately 6.05 miles north of Duchesne along Highway 87, then east for another 1.00 miles before turning north for another 0.15 miles where the access road will lead into the well site. Regionally, this well plots up along the northern reaches of Blue Bench which is mostly flat, bench-like habitat that slopes gently to the south into the Duchesne River Drainage. The topography rises to the north into rocky shelf-like habitat that is commonly found on Black tail Mountain or the southern slopes of the Book Cliffs, then into more bench property that has scattered pinion juniper trees. Approximately two miles to the west, the topography drops off Blue Bench into the Duchesne River corridor that drains south from the Uinta Mountains. The topography in the immediate area or the proposed well site is nearly flat, but does slope gently to the south, southwest and has an elevation drop of eight feet across the width of the location.

Surface Use Plan
Current Surface Use
Recreational
Deer Winter Range

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.15	**Width** 407 **Length** 465	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters
Affected Floodplains and/or Wetlands N

Flora / Fauna
Sage brush, prickly pear cactus, limited grasses

Mule deer winter range potential, coyote, rabbit, prairie dog, smaller mammals, smaller song birds native to region, also owl, hawk and eagle potential

Soil Type and Characteristics
Reddish brown, fine-grained blow sand

RECEIVED: December 17, 2013

API Well Number: 43013525510000

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 Sensitivity Level

Characteristics / Requirements

Reserve pit proposed on north side of location in cut, measuring 110' wide by 150' long by 12' deep, with prevailing winds from the west.

Closed Loop Mud Required? **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

No issues

Dennis Ingram
Evaluator

11/6/2013
Date / Time

RECEIVED: December 17, 2013

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8708	43013525510000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		**Surface Owner-APD**	Julian Kozar	
Well Name	Kozar 2-5C4		**Unit**		
Field	ALTAMONT		**Type of Work**	DRILL	
Location	NWSW 5 3S 4W U 2100 FSL 1000 FWL GPS Coord (UTM) 553867E 4455436N				

Geologic Statement of Basis

E P proposes to set 600 feet of conductor and 2,500 feet of surface casing both of which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,900 feet. A search of Division of Water Rights records indicates that there are 9 water wells within a 10,000 foot radius of the center of Section 5. Two wells are located approximately 3/4 mile from the proposed well and are owned by the Duchesne County Landfill. These wells are 540 and 150 feet in depth. The wells are listed as being used for irrigation, stock watering,, oil exploration, municipal, industrial and domestic. The proposed drilling, casing and cement program should adequately protect usable ground water in this area.

Brad Hill — **APD Evaluator**

11/26/2013 — **Date / Time**

Surface Statement of Basis

The surface at the proposed well site slopes gently toward the southwest having an eight foot drop from the northwest corner to the southeast. The reserve pit is proposed along the north side of the well pad, in cut with fine-grained sandy soils like what is found in a sandbox. Therefore, the operator shall install and maintain a 16 mil or thicker synthetic liner in the reserve pit. The location shall be bermed to prevent fluids from leaving the well site. There weren't any drainage issues found that impact the surface construction of this location.

A presite was scheduled and performed for the Kozar 2-5C4 on November 6, 2013 to address issues regarding the construction and drilling of this well. Julian Kozar and Alvaro Preciado were shown as the landowners and invited to the presite. EP Energy and both surface owners have entered into a surface damage agreement.

Dennis Ingram — **Onsite Evaluator**

11/6/2013 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the north side of the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: December 17, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/10/2013 **API NO. ASSIGNED:** 43013525510000
WELL NAME: Kozar 2-5C4
OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850) **PHONE NUMBER:** 713 997-5038
CONTACT: Maria S. Gomez

PROPOSED LOCATION: NWSW 05 030S 040W **Permit Tech Review:** ☑
SURFACE: 2100 FSL 1000 FWL **Engineering Review:** ☑
BOTTOM: 2100 FSL 1000 FWL **Geology Review:** ☑
COUNTY: DUCHESNE
LATITUDE: 40.24764 **LONGITUDE:** -110.36665
UTM SURF EASTINGS: 553867.00 **NORTHINGS:** 4455436.00
FIELD NAME: ALTAMONT
LEASE TYPE: 4 - Fee
LEASE NUMBER: Fee **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER(LWR)-WASATCH
SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - 400JU0708
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Duchesne City
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90
Effective Date: 5/9/2012
Siting: 4 Wells Per 640 Acre

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
12 - Cement Volume (3) - hmacdonald

RECEIVED: December 17, 2013

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Kozar 2-5C4
API Well Number: 43013525510000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 12/17/2013

Issued to:
EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2000' MD as indicated in the submitted drilling plan.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

NWSW S-05 T03S R04W

Kozar 2-5C4 24hr Spud & Set Casing Notice

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Wed, Jan 8, 2014 at 7:05 PM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY

Kozar 2-5C4

API # ~~43013525100000~~ 4301352551

DUCHESNE CO., UTAH

Leon Ross Drilling spudded well @08:00hrs 1/8/2013 and plan to set +/-600' of 13 3/8" casing within 24hrs. Drilling will resume when Patterson 307 is mobilized to location within the next +/-30 days.

Regards,

Darryl Reeder

EP Energy

Patterson 307

Rig Office: 832-266-0503

RECEIVED
JAN 08 2014
DIV. OF OIL, GAS & MIN

EP

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: Kozar 2-5C4

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

9. API NUMBER: 4301352551

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2100 FSL & 1000 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1911.02 FSL & 955.23 FWL
AT TOTAL DEPTH: 1809.11 FSL & 956.87 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 5 2S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 1/7/2014

15. DATE T.D. REACHED: 2/18/2014

16. DATE COMPLETED: 3/27/2014 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5997

18. TOTAL DEPTH: MD 12,500 TVD 12,494

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54.5	0	633		Prem 675	776	0	
12.25	9.625 N80	40	0	2,215		G 460	1,084	0	
8.75	7" P110	29	0	9,680		G 585	1,506	6540	
6.125	4.5 P110	13.5	9,434	9,434		G 220	323	9434	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,550	9,539						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,563	12,500	9,560	12,494
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
11,976 12,325	.43	69	Open ☑ Squeezed ☐
11,631 11,943	.43	69	Open ☑ Squeezed ☐
11,242 11,596	.43	69	Open ☑ Squeezed ☐
10,945 11,224	.43	69	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11976-12325	5000 gal 15% HCL acid, 3000# 100 mesh, 140080 20/40 PowerProp
11631-11943	5000 gal 15% HCL acid, 3000# 100 mesh, 140100 20/40 PowerProp
11242-11596	5000 gal 15% HCL acid, 3000# 100 mesh, 145560 20/40 PowerProp

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
3/27/2014	4/8/2014	24		433	560	799	FL

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
16	1,975	0	44.00	1,400	1		433	560	799	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	4,663
				Middle Green River	6,362
				Lower Green River	7,724
				Wasatch	9,563

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

Maria Gomez

SIGNATURE Maria A. Gomez DATE 04/23/14

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Attachment to Well Completion Report

Form 8 Dated April 23, 2014

Well Name: Kozar 2-5C4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
10640’-10914’	.43	69	Open
10254’-10570’	.43	69	Open
9933’-10219’	.43	69	Open
9576’-9869’	.43	69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10945’-11224’	5000 gal acid, 3000# 100 mesh, 160300# 20/40 PowerProp
10640’-10914’	5000 gal acid, 3000# 100 mesh, 155200# 20/40 PowerProp
10254’-10570’	5000 gal acid, 3000# 100 mesh, 164820# 20/40 TLC
9933’-10219’	5000 gal acid, 3000# 100 mesh, 150540# 20/40 TLC
9576’-9869’	5000 gal acid, 3000# 100 mesh, 151100# 20/40 TLC

RECEIVED: Apr. 23, 2014

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Kozar 2-5C4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	**0.00**	**0.00**	**0.00**												
1	100.00	0.08	82.01	100.00	100.00	0.01	0.01	N	0.07	E	0.07	82.01	0.08	0.08	82.01
2	200.00	0.27	154.74	100.00	200.00	-0.19	0.19	S	0.24	E	0.31	128.83	0.25	0.19	72.74
3	300.00	0.31	138.26	100.00	300.00	-0.60	0.60	S	0.51	E	0.79	139.43	0.09	0.04	-16.48
4	400.00	0.66	117.24	100.00	399.99	-1.06	1.06	S	1.21	E	1.61	131.44	0.39	0.36	-21.03
5	500.00	0.38	141.30	100.00	499.99	-1.59	1.59	S	1.93	E	2.50	129.49	0.35	-0.28	24.07
6	600.00	0.35	181.12	100.00	599.99	-2.15	2.15	S	2.13	E	3.03	135.31	0.25	-0.03	39.82
7	700.00	0.31	179.98	100.00	699.99	-2.73	2.73	S	2.12	E	3.46	142.11	0.04	-0.04	-1.14
8	800.00	0.49	203.62	100.00	799.98	-3.39	3.39	S	1.95	E	3.91	150.07	0.24	0.18	23.65
9	900.00	0.61	218.16	100.00	899.98	-4.20	4.20	S	1.45	E	4.44	160.95	0.19	0.13	14.53
10	1000.00	0.74	213.29	100.00	999.97	-5.16	5.16	S	0.77	E	5.22	171.54	0.14	0.12	-4.86
11	1100.00	0.70	237.88	100.00	1099.96	-6.02	6.02	S	0.10	W	6.02	180.95	0.31	-0.04	24.59
12	1200.00	0.78	230.40	100.00	1199.96	-6.78	6.78	S	1.14	W	6.87	189.53	0.13	0.08	-7.47
13	1300.00	1.00	232.96	100.00	1299.94	-7.73	7.73	S	2.36	W	8.08	196.95	0.22	0.22	2.56
14	1400.00	1.35	236.46	100.00	1399.92	-8.91	8.91	S	4.03	W	9.78	204.36	0.36	0.36	3.50
15	1500.00	1.52	234.27	100.00	1499.89	-10.34	10.34	S	6.09	W	12.00	210.52	0.17	0.16	-2.19
16	1600.00	1.34	224.70	100.00	1599.86	-11.94	11.94	S	7.99	W	14.37	213.79	0.30	-0.18	-9.58
17	1700.00	1.12	218.98	100.00	1699.84	-13.53	13.53	S	9.42	W	16.49	214.87	0.25	-0.22	-5.72
18	1800.00	0.97	226.06	100.00	1799.82	-14.87	14.87	S	10.65	W	18.29	215.60	0.20	-0.15	7.07
19	1900.00	0.95	219.84	100.00	1899.81	-16.09	16.09	S	11.79	W	19.95	216.22	0.11	-0.02	-6.21
20	2000.00	0.83	211.36	100.00	1999.80	-17.35	17.35	S	12.70	W	21.50	216.19	0.18	-0.12	-8.49
21	2100.00	0.95	204.95	100.00	2099.78	-18.73	18.73	S	13.42	W	23.04	215.64	0.16	0.12	-6.41
22	2200.00	1.06	209.59	100.00	2199.77	-20.28	20.28	S	14.23	W	24.77	215.06	0.13	0.11	4.65
23	2240.00	1.11	208.34	40.00	2239.76	-20.94	20.94	S	14.60	W	25.52	214.88	0.13	0.12	-3.13
24	2331.00	1.25	210.97	91.00	2330.74	-22.56	22.56	S	15.52	W	27.39	214.53	0.17	0.16	2.89
25	2427.00	1.19	216.94	96.00	2426.72	-24.26	24.26	S	16.66	W	29.43	214.48	0.15	-0.06	6.22
26	2523.00	1.04	195.31	96.00	2522.70	-25.90	25.90	S	17.49	W	31.25	214.03	0.46	-0.16	-22.53
27	2619.00	0.82	204.83	96.00	2618.69	-27.36	27.36	S	18.01	W	32.75	213.35	0.28	-0.23	9.92
28	2715.00	1.05	195.88	96.00	2714.68	-28.83	28.83	S	18.54	W	34.27	212.74	0.28	0.24	-9.32
29	2810.00	0.97	202.26	95.00	2809.66	-30.41	30.41	S	19.08	W	35.90	212.11	0.15	-0.08	6.72
30	2905.00	1.13	201.39	95.00	2904.65	-32.03	32.03	S	19.73	W	37.61	211.63	0.17	0.17	-0.92
31	3001.00	1.01	202.30	96.00	3000.63	-33.69	33.69	S	20.39	W	39.38	211.19	0.13	-0.13	0.95
32	3097.00	0.90	191.62	96.00	3096.62	-35.21	35.21	S	20.87	W	40.93	210.65	0.22	-0.11	-11.13
33	3193.00	0.95	188.11	96.00	3192.60	-36.74	36.74	S	21.13	W	42.38	209.90	0.08	0.05	-3.66
34	3287.00	1.17	196.02	94.00	3286.59	-38.43	38.43	S	21.50	W	44.04	209.23	0.28	0.23	8.41
35	3383.00	1.28	178.65	96.00	3382.56	-40.45	40.45	S	21.75	W	45.92	208.27	0.40	0.11	-18.09

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Kozar 2-5C4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
36	3479.00	1.18	176.29	96.00	3478.54	-42.50	42.50	S	21.66	W	47.71	207.00	0.12	-0.10	-2.46
37	3574.00	1.08	179.88	95.00	3573.52	-44.38	44.38	S	21.59	W	49.35	205.95	0.13	-0.11	3.78
38	3670.00	1.02	176.86	96.00	3669.51	-46.13	46.13	S	21.55	W	50.92	205.03	0.09	-0.06	-3.15
39	3765.00	1.00	172.83	95.00	3764.49	-47.80	47.80	S	21.40	W	52.37	204.11	0.08	-0.02	-4.24
40	3859.00	1.21	185.02	94.00	3858.48	-49.60	49.60	S	21.38	W	54.01	203.32	0.33	0.22	12.97
41	3954.00	1.28	191.22	95.00	3953.45	-51.64	51.64	S	21.68	W	56.01	202.77	0.16	0.07	6.53
42	4048.00	1.27	204.61	94.00	4047.43	-53.62	53.62	S	22.31	W	58.08	202.59	0.32	-0.01	14.24
43	4143.00	1.44	207.18	95.00	4142.40	-55.64	55.64	S	23.30	W	60.32	202.72	0.19	0.18	2.71
44	4237.00	1.87	193.94	94.00	4236.36	-58.18	58.18	S	24.21	W	63.01	202.59	0.61	0.46	-14.09
45	4332.00	1.90	188.20	95.00	4331.31	-61.24	61.24	S	24.80	W	66.07	202.05	0.20	0.03	-6.04
46	4426.00	1.95	192.46	94.00	4425.26	-64.35	64.35	S	25.37	W	69.17	201.52	0.16	0.05	4.53
47	4521.00	2.00	206.95	95.00	4520.20	-67.40	67.40	S	26.47	W	72.41	201.44	0.53	0.05	15.25
48	4617.00	1.83	198.27	96.00	4616.15	-70.35	70.35	S	27.71	W	75.61	201.50	0.35	-0.18	-9.04
49	4713.00	1.93	198.05	96.00	4712.10	-73.34	73.34	S	28.69	W	78.76	201.37	0.10	0.10	-0.23
50	4809.00	1.96	194.49	96.00	4808.04	-76.47	76.47	S	29.60	W	82.00	201.16	0.13	0.03	-3.71
51	4913.00	2.05	184.30	104.00	4911.98	-80.05	80.05	S	30.19	W	85.55	200.66	0.35	0.09	-9.80
52	5007.00	1.95	185.80	94.00	5005.92	-83.31	83.31	S	30.48	W	88.71	200.09	0.12	-0.11	1.60
53	5103.00	2.04	191.56	96.00	5101.86	-86.61	86.61	S	30.98	W	91.99	199.68	0.23	0.09	6.00
54	5197.00	2.19	186.14	94.00	5195.80	-90.04	90.04	S	31.51	W	95.39	199.29	0.27	0.16	-5.77
55	5292.00	2.14	186.92	95.00	5290.73	-93.60	93.60	S	31.92	W	98.90	198.83	0.06	-0.05	0.82
56	5388.00	2.06	188.56	96.00	5386.67	-97.09	97.09	S	32.39	W	102.35	198.45	0.10	-0.08	1.71
57	5482.00	2.09	189.31	94.00	5480.61	-100.45	100.45	S	32.92	W	105.71	198.15	0.04	0.03	0.80
58	5578.00	2.19	192.40	96.00	5576.54	-103.97	103.97	S	33.60	W	109.26	197.91	0.16	0.10	3.22
59	5673.00	2.29	190.80	95.00	5671.47	-107.61	107.61	S	34.34	W	112.95	197.70	0.12	0.11	-1.68
60	5768.00	2.12	196.58	95.00	5766.40	-111.16	111.16	S	35.20	W	116.60	197.57	0.29	-0.18	6.08
61	5863.00	1.99	195.58	95.00	5861.34	-114.43	114.43	S	36.14	W	120.00	197.53	0.14	-0.14	-1.05
62	5959.00	2.23	185.54	96.00	5957.27	-117.89	117.89	S	36.77	W	123.49	197.32	0.46	0.25	-10.46
63	6054.00	2.30	179.58	95.00	6052.20	-121.64	121.64	S	36.94	W	127.12	196.89	0.26	0.07	-6.27
64	6148.00	2.22	186.87	94.00	6146.12	-125.33	125.33	S	37.14	W	130.72	196.51	0.32	-0.09	7.76
65	6244.00	2.28	185.43	96.00	6242.05	-129.08	129.08	S	37.54	W	134.43	196.22	0.09	0.06	-1.50
66	6339.00	2.22	181.52	95.00	6336.98	-132.80	132.80	S	37.77	W	138.07	195.88	0.17	-0.06	-4.12
67	6434.00	2.21	174.35	95.00	6431.91	-136.46	136.46	S	37.64	W	141.56	195.42	0.29	-0.01	-7.55
68	6530.00	2.47	178.29	96.00	6527.83	-140.37	140.37	S	37.40	W	145.27	194.92	0.32	0.27	4.10
69	6625.00	1.20	148.16	95.00	6622.78	-143.26	143.26	S	36.81	W	147.92	194.41	1.64	-1.34	-31.72
70	6721.00	1.21	32.52	96.00	6718.77	-143.26	143.26	S	35.73	W	147.65	194.01	2.12	0.01	-120.46
71	6816.00	1.46	349.82	95.00	6813.74	-141.23	141.23	S	35.41	W	145.60	194.08	1.05	0.26	334.00
72	6911.00	1.41	323.56	95.00	6908.71	-139.09	139.09	S	36.32	W	143.76	194.63	0.69	-0.05	-27.64

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Kozar 2-5C4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
73	7005.00	0.78	295.55	94.00	7002.70	-137.89	137.89 S	37.58 W	142.92	195.25	0.86	-0.67	-29.80
74	7100.00	0.74	251.46	95.00	7097.69	-137.80	137.80 S	38.75 W	143.15	195.70	0.60	-0.04	-46.41
75	7195.00	0.98	232.95	95.00	7192.68	-138.49	138.49 S	39.98 W	144.14	196.10	0.38	0.25	-19.48
76	7290.00	1.04	210.52	95.00	7287.66	-139.72	139.72 S	41.06 W	145.63	196.38	0.42	0.06	-23.61
77	7385.00	1.43	202.08	95.00	7382.64	-141.56	141.56 S	41.95 W	147.65	196.51	0.45	0.41	-8.88
78	7481.00	1.52	201.25	96.00	7478.61	-143.86	143.86 S	42.86 W	150.11	196.59	0.10	0.09	-0.86
79	7575.00	1.76	195.93	94.00	7572.57	-146.41	146.41 S	43.71 W	152.79	196.62	0.30	0.26	-5.66
80	7671.00	2.15	196.61	96.00	7668.52	-149.55	149.55 S	44.63 W	156.07	196.62	0.41	0.41	0.71
81	7766.00	2.28	192.22	95.00	7763.44	-153.11	153.11 S	45.54 W	159.73	196.56	0.22	0.14	-4.62
82	7861.00	2.22	190.59	95.00	7858.37	-156.76	156.76 S	46.27 W	163.45	196.45	0.09	-0.06	-1.72
83	7957.00	0.54	117.43	96.00	7954.34	-158.80	158.80 S	46.21 W	165.39	196.23	2.22	-1.75	-76.21
84	8052.00	0.80	132.87	95.00	8049.34	-159.46	159.46 S	45.33 W	165.77	195.87	0.33	0.27	16.25
85	8148.00	1.13	154.99	96.00	8145.32	-160.77	160.77 S	44.44 W	166.80	195.45	0.51	0.34	23.04
86	8243.00	1.52	169.56	95.00	8240.30	-162.86	162.86 S	43.81 W	168.65	195.06	0.54	0.41	15.34
87	8338.00	1.88	174.31	95.00	8335.26	-165.65	165.65 S	43.43 W	171.25	194.69	0.41	0.38	5.00
88	8433.00	2.24	182.23	95.00	8430.20	-169.05	169.05 S	43.35 W	174.52	194.38	0.48	0.38	8.34
89	8528.00	2.31	180.06	95.00	8525.12	-172.82	172.82 S	43.42 W	178.19	194.10	0.12	0.07	-2.28
90	8624.00	1.27	177.29	96.00	8621.07	-175.82	175.82 S	43.38 W	181.09	193.86	1.09	-1.08	-2.89
91	8720.00	0.72	98.12	96.00	8717.06	-176.97	176.97 S	42.73 W	182.05	193.57	1.39	-0.57	-82.47
92	8814.00	0.88	117.94	94.00	8811.05	-177.39	177.39 S	41.51 W	182.18	193.17	0.34	0.17	21.09
93	8910.00	1.18	142.65	96.00	8907.04	-178.52	178.52 S	40.25 W	183.00	192.71	0.55	0.31	25.74
94	9006.00	1.72	188.04	96.00	9003.01	-180.73	180.73 S	39.86 W	185.08	192.44	1.28	0.56	47.28
95	9101.00	2.23	190.96	95.00	9097.95	-183.96	183.96 S	40.41 W	188.34	192.39	0.55	0.54	3.07
96	9197.00	2.40	192.39	96.00	9193.87	-187.76	187.76 S	41.19 W	192.22	192.37	0.19	0.18	1.49
97	9293.00	2.40	203.85	96.00	9289.79	-191.56	191.56 S	42.44 W	196.20	192.49	0.50	0.00	11.94
98	9389.00	0.90	273.56	96.00	9385.75	-193.35	193.35 S	44.00 W	198.29	192.82	2.35	-1.56	72.61
99	9485.00	1.81	16.97	96.00	9481.74	-191.85	191.85 S	44.31 W	196.90	193.01	2.29	0.95	-267.28
100	9579.00	1.11	17.35	94.00	9575.71	-189.56	189.56 S	43.61 W	194.51	192.96	0.74	-0.74	0.40
101	9624.00	0.96	14.82	45.00	9620.70	-188.78	188.78 S	43.38 W	193.70	192.94	0.35	-0.33	-5.62
102	9700.00	0.89	13.14	76.00	9696.69	-187.59	187.59 S	43.08 W	192.48	192.93	0.10	-0.09	-2.21
103	9800.00	0.30	104.28	100.00	9796.68	-186.90	186.90 S	42.66 W	191.71	192.86	0.94	-0.59	91.14
104	9900.00	0.77	147.95	100.00	9896.68	-187.53	187.53 S	42.05 W	192.19	192.64	0.59	0.47	43.68
105	10000.00	0.82	147.25	100.00	9996.67	-188.71	188.71 S	41.30 W	193.17	192.35	0.05	0.05	-0.71
106	10100.00	1.30	166.88	100.00	10096.65	-190.42	190.42 S	40.66 W	194.71	192.05	0.60	0.48	19.63
107	10200.00	1.69	170.62	100.00	10196.62	-192.98	192.98 S	40.16 W	197.12	191.76	0.40	0.39	3.74
108	10300.00	1.78	174.72	100.00	10296.57	-195.98	195.98 S	39.77 W	199.98	191.47	0.15	0.08	4.10
109	10400.00	1.90	176.42	100.00	10396.52	-199.18	199.18 S	39.53 W	203.06	191.23	0.13	0.12	1.70

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Kozar 2-5C4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
110	10500.00	2.11	175.80	100.00	10496.46	-202.66	202.66 S	39.29 W	206.43	190.97	0.21	0.21	-0.61
111	10600.00	1.91	181.01	100.00	10596.40	-206.16	206.16 S	39.19 W	209.85	190.76	0.27	-0.20	5.21
112	10700.00	1.97	182.53	100.00	10696.34	-209.54	209.54 S	39.29 W	213.19	190.62	0.08	0.06	1.51
113	10800.00	1.98	192.88	100.00	10796.28	-212.94	212.94 S	39.75 W	216.61	190.57	0.36	0.01	10.35
114	10900.00	1.97	188.54	100.00	10896.22	-216.32	216.32 S	40.39 W	220.05	190.58	0.15	0.00	-4.34
115	11000.00	2.13	194.63	100.00	10996.16	-219.81	219.81 S	41.11 W	223.63	190.59	0.27	0.16	6.09
116	11100.00	2.43	189.55	100.00	11096.08	-223.70	223.70 S	41.93 W	227.60	190.62	0.36	0.30	-5.08
117	11200.00	2.58	192.20	100.00	11195.98	-227.99	227.99 S	42.76 W	231.97	190.62	0.19	0.15	2.64
118	11300.00	2.92	189.23	100.00	11295.87	-232.70	232.70 S	43.65 W	236.76	190.62	0.36	0.34	-2.97
119	11400.00	3.14	181.75	100.00	11395.73	-237.94	237.94 S	44.14 W	242.00	190.51	0.45	0.22	-7.48
120	11500.00	3.00	185.88	100.00	11495.59	-243.28	243.28 S	44.49 W	247.31	190.36	0.26	-0.14	4.13
121	11600.00	3.00	181.43	100.00	11595.45	-248.49	248.49 S	44.82 W	252.50	190.22	0.23	0.00	-4.45
122	11700.00	2.67	178.87	100.00	11695.33	-253.43	253.43 S	44.84 W	257.36	190.03	0.35	-0.33	-2.56
123	11800.00	2.64	174.35	100.00	11795.22	-258.05	258.05 S	44.57 W	261.87	189.80	0.21	-0.02	-4.51
124	11900.00	2.71	174.09	100.00	11895.11	-262.69	262.69 S	44.10 W	266.37	189.53	0.07	0.07	-0.27
125	12000.00	2.49	171.42	100.00	11995.01	-267.19	267.19 S	43.53 W	270.71	189.25	0.25	-0.22	-2.67
126	12100.00	2.73	170.36	100.00	12094.91	-271.68	271.68 S	42.81 W	275.03	188.95	0.25	0.24	-1.06
127	12200.00	2.84	173.21	100.00	12194.79	-276.49	276.49 S	42.12 W	279.68	188.66	0.18	0.11	2.85
128	12300.00	2.78	179.89	100.00	12294.67	-281.37	281.37 S	41.82 W	284.46	188.45	0.33	-0.06	6.68
129	12400.00	3.03	180.30	100.00	12394.54	-286.43	286.43 S	41.83 W	289.47	188.31	0.25	0.25	0.41
130	12437.00	2.84	175.51	37.00	12431.49	-288.32	288.32 S	41.76 W	291.33	188.24	0.83	-0.50	-12.93
131	12500.00	2.84	175.51	63.00	12494.41	-291.44	291.44 S	41.52 W	294.38	188.11	0.00	0.00	0.00

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Kozar 2-5C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013525510000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2100 FSL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 05 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/12/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to recomplete well from the Wasatch to the Wasatch/LGR. See attached for details.

Approved by the Utah Division of Oil, Gas and Mining
November 12, 2015
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 11/11/2015

RECEIVED: Nov. 11, 2015

Kozar 2-5C4 Recom Summary Procedure

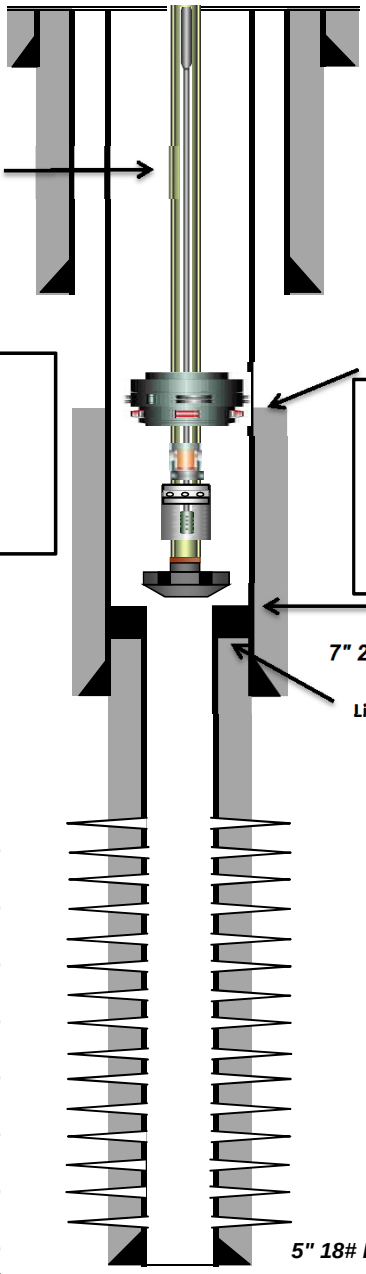
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set two CBPs for 5" 18# casing @ 9,550' & 9,570' to plug back currently producing zones (Top perf @ 9,576'). Dump bail 35' sand on top of plug @ 9,550'.
- Stage 1:
  - Perforate new LGR interval from **9,422' – 9,502'.**
  - Prop Frac Perforations with **40,000** lbs 30/50 prop (w/ **3,000** lbs 100 mesh & **10,000** gals 15% HCl acid) (Stage 1 Recom).
- Stage 2:
  - RIH with 7" CBP & set @ 9,405'.
  - Perforate new LGR interval from **9,121' – 9,360'.**
  - Prop Frac Perforations with **130,000** lbs 30/50 prop (w/ **3,000** lbs 100 mesh & **5,000** gals 15% HCl acid) (Stage 2 Recom).
- Stage 3:
  - RIH w/ 7" CBP & set @ 9,085'.
  - Perforate new LGR interval from **8,916' – 9,070**'.
  - Acidize perforations with w/ **75,000** lbs 30/50 prop (w/ **3,000** lbs 100 mesh & **5,000** gals 15% HCl acid) (Stage 2 Recom).
- Stage 4:
  - RIH w/ 7" CBP & set @ 8,822'.
  - Perforate new LGR interval from **8,567' – 8,807**'.
  - Acidize perforations with w/ **120,000** lbs 30/50 prop (w/ **3,000** lbs 100 mesh & **5,000** gals 15% HCl acid) (Stage 2 Recom).
- Clean out well drilling up (3) 7" CBP's, leaving 35' sand on top of 5" CBP @ 9,550'. Top perf BELOW plug @ 9,576'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

RECEIVED: Nov. 11, 2015

EP ENERGY

Current Wellbore Schematic

Well Name:	Kozar 2-5C4	Last Updated:	10/17/2014
Company Name:	EP Energy	By:	Krug
Field, County, State:	Alamont, Duchesne, Utah	TD:	12,493'
Surface Location:	Lat: 40°14' 51.796" N Long: 110°21' 59.872" W	API:	430-1352-5510-0000
Producing Zone(s):	Wasatch	AFE:	155710



13-3/8" 54.5# J-55 STC @ 633 ft. MD

274 Jts 2-7/8" 6.5# N-80 8rd Tubing

9-5/8" 40# N-80 LTC @ 2215 ft. MD

ROD DETAIL
1-1/2" x 40' Polished Rod
96 (2,400') - 1" EL Rods mixed
142 (3,550') - 7/8" EL Rods w/4 guides/rod
104 (2,600') - 3/4" EL Rods w/ 4 guides/rod
18 (450') - 1 1/2" Sinker "K" Bars
1(3') - 7/8" Pony Rod
2 1/2" x 1-3/4" x 38' RHBC 2 STG HVR Insert Pump

7" TOC: 6,540 ft MD

Tubing Anchor @ 8,973'
4 jts 2-7/8" 6.5# N-80 8rd Tubing
4 x 2-7/8" tbg sub
Seating Nipple @ 9,110'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jts 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ 9,212'

Top of Liner at: 9,434 ft MD

7" 29# HCP-110 LTC @ 9680 ft. MD
Drift ID = 6.059"
Liner TOC at: 9,434 ft MD

Initial Completion Perfs - Mar'14

9,576' - 9,869' (23'/69 holes)
5,000 Gals 15% HCL + 151,100# 20/40
9,933' - 10,219' (23'/69 holes)
5,000 Gals 15% HCL + 150,540# 20/40
10,254' - 10,570' (23'/69 holes)
5,000 Gals 15% HCL + 164,820# 20/40
10,640' - 10,914' (23'/69 holes)
5,000 Gals 15% HCL + 155,200# 20/40
10,945' - 11,224' (23'/69 holes)
5,000 Gals 15% HCL + 160,340# 20/40
11,242' - 11,596' (23'/69 holes)
5,000 Gals 15% HCL + 147,560# 20/40
11,631' - 11,943' (23'/69 holes)
5,000 Gals 15% HCL + 140,100# 20/40
11,976' - 12,325' (23'/69 holes)
5,000 Gals 15% HCL + 140,080# 20/40

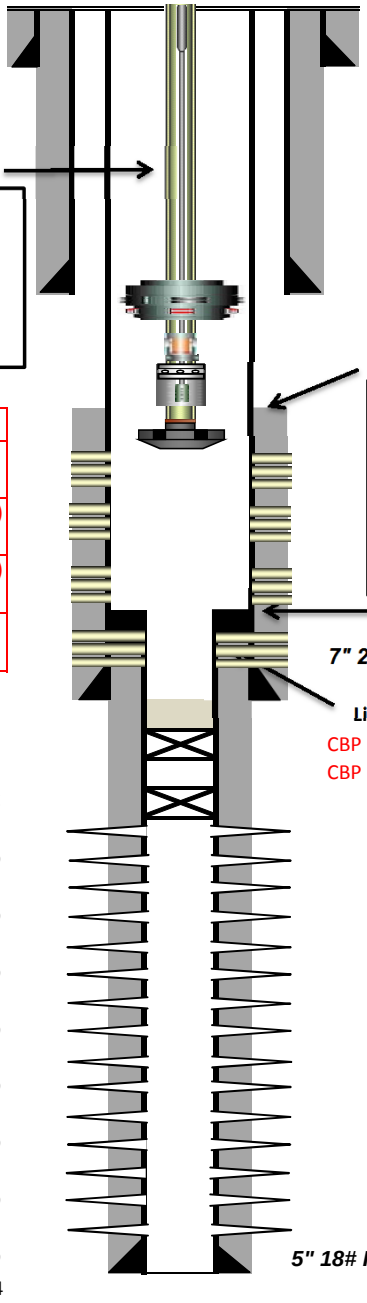
PBTD@12,400' (SLM)-6/4/14

5" 18# HCP-110 STL @ 9434 - 12495 ft. MD
Drift ID = 4.151"

EP ENERGY

Proposed Wellbore Schematic

Well Name:	Kozar 2-5C4	Last Updated:	11/3/2015
Company Name:	EP Energy	By:	Krug
Field, County, State:	Alamont, Duchesne, Utah	TD:	12,493'
Surface Location:	Lat: 40°14' 51.796" N Long: 110°21' 59.872" W	API:	430-1352-5510-0000
Producing Zone(s):	Wasatch	AFE:	155710



13-3/8" 54.5# J-55 STC @ 633 ft. MD

259 Jts 2-7/8" 6.5# L-80 8rd Tubing

ROD DETAIL
1-1/2" x 40' Polished Rod
98 (2,450') - 1" EL Rods mixed
121 (3,025') - 7/8" EL Rods w/4 guides/rod
101 (2,525') - 3/4" EL Rods w/ 4 guides/rod
16 (400') - 1 1/2" Sinker "K" Bars
2 1/2" x 1-3/4" x 38' HF Insert Pump

9-5/8" 40# N-80 LTC @ 2215 ft. MD

7" TOC: 6,540 ft MD

Tubing Anchor @ 8,275'
4 jts 2-7/8" 6.5# N-80 8rd Tubing
4 x 2-7/8" tbg sub
Seating Nipple @ 8,400'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jts 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ 8,500'

Top of Liner at: 9,434 ft MD

7" 29# HCP-110 LTC @ 9680 ft. MD
Drift ID = 6.059"
Liner TOC at: 9,434 ft MD

CBP @ 9,550' w/ 35' sand on top of plug
CBP @ 9,570'

November '15 Recompletion
STG 4: 8,567' - 8,807' (21'/63 holes)
5,000 gals HCl + 3,000# 100M + 120,000# 30/50
STG 3: 8,916' - 9,070' (19'/57 holes)
5,000 gals HCl + 3,000# 100M + 75,000# 30/50
STG 2: 9,121' - 9,390' (22'/66 holes)
5,000 gals HCl + 3,000# 100M + 130,000# 30/50
STG 1: 9,422 - 9,502' (12'/36 holes)
10,000 gals HCl + 3,000# 100M + 40,000# 30/50

Initial Completion Perfs - Mar'14

9,576' - 9,869' (23'/69 holes)
5,000 Gals 15% HCL + 151,100# 20/40
9,933' - 10,219' (23'/69 holes)
5,000 Gals 15% HCL + 150,540# 20/40
10,254' - 10,570' (23'/69 holes)
5,000 Gals 15% HCL + 164,820# 20/40
10,640' - 10,914' (23'/69 holes)
5,000 Gals 15% HCL + 155,200# 20/40
10,945' - 11,224' (23'/69 holes)
5,000 Gals 15% HCL + 160,340# 20/40
11,242' - 11,596' (23'/69 holes)
5,000 Gals 15% HCL + 147,560# 20/40
11,631' - 11,943' (23'/69 holes)
5,000 Gals 15% HCL + 140,100# 20/40
11,976' - 12,325' (23'/69 holes)
5,000 Gals 15% HCL + 140,080# 20/40
PBTD@12,400' (SLM)-6/4/14

5" 18# HCP-110 STL @ 9434 - 12495 ft. MD
Drift ID = 4.151"

Sundry Number: 69045 API Well Number: 43013525510000

Reset Form

RECOMPLETION

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: Kozar 2-5C4

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

9. API NUMBER: 4301352551

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2100 FSL & 1000 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1911.02 FSL & 955.23 FWL
AT TOTAL DEPTH: 1809.11 FSL & 956.87 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 5 2S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 1/7/2014

15. DATE T.D. REACHED: 2/18/2014

16. DATE COMPLETED: 12/2/2015 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5997

18. TOTAL DEPTH: MD 12,500 TVD 12,494

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
Previously									
Submitted									

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	8,512							

26. PRODUCING INTERVALS / **27. PERFORATION RECORD**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	9,563	12,500	9,560	12,494	9,422	9,502		36	Open ☑ Squeezed ☐
(B) LGR	7,724	9,563	7,721	9,560	9,121	9,390		66	Open ☑ Squeezed ☐
(C)					8,916	9,070		57	Open ☑ Squeezed ☐
(D)					10,945	11,224		69	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9422-9502	10000 gal 15% HCL acid, 4500# 100 mesh, 40700# 30/50 PW
9121-9390	5000 gal 15% HCL acid, 3000# 100 mesh, 130300# 30/50 PW
8916-9070	5000 gal 15% HCL acid, 3100# 100 mesh, 75300# 30/50 PW

29. ENCLOSED ATTACHMENTS: 8567-8807, 5000 15% HCL Acid, 3100 100 mesh, 115800# 30/50 PW

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

CBP's @ 9570 & 9556 with 35' sand on top

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Jan. 12, 2016

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
12/2/2015	12/6/2015	24		301	138	513	Rod Pump

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	31	31	38.00	1,356	0		301	138	513	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	4,663
				Middle Green River	6,362
				Lower Green River	7,724
				Wasatch	9,563

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez Digitally signed by Maria Gomez DN: cn=Maria Gomez, o=EP Energy, ou=Regulatory, email=maria.gomez@epenergy.com, c=US Date: 2016.01.12 14:53:23 -06'00' DATE 1/12/2016

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Jan. 12, 2016

CENTRAL DIVISION

ALTAMONT FIELD
KOZAR 2-5C4
KOZAR 2-5C4
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Jan. 12, 2016

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	KOZAR 2-5C4		
Project	ALTAMONT FIELD	**Site**	KOZAR 2-5C4
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	11/12/2015	**End date**	12/2/2015
Spud Date/Time	2/6/2014	**UWI**	KOZAR 2-5C4
Active datum	KB @6,021.0ft (above Mean Sea Level)		
Afe No./Description	165703/55128 / KOZAR 2-5C4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
11/13/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON MOVING RIG. FILLED OUT AND REVIEWED JSA.
	7:30	9:30	2.00	MIRU	01		P		MOVED RIG FROM THE 3-31B4 TO THE 2-5 C4 MIRU RIG. WHILE PUMPING 60 BBLS DOWN CSG.
	9:30	10:30	1.00	WOR	18		P		LD POLISH ROD. WHILE WORKING RODS. ROD CAME FREE. COULDN'T FLUSH TBG. PU POLISH ROD TRIED FLUSHING TUBING WHILE WORKING RODS. UNSUCCESSFUL. LD POLISH ROD
	10:30	13:30	3.00	WOR	39		P		TOOH W/ 96-1", 141-7/8", 105-3/4". 18-1 1/2" WEIGHT BARS AND PULL ROD. FROM PUMP.
	13:30	15:30	2.00	WOR	16		P		ND WELLHEAD INSTALLED PERFORATED SUB AND HANGER W/ 2 WAY CHECK. LANDED TBG NU AND PRESUURE TESTED 5K BOP @ 5000 PSI HELD.RELEASED TAC LD PERF SUB AND HANGER.
	15:30	17:30	2.00	WLWORK	21		P		RU WIRELINE RIH PERFORATE TBG @ 9020' . RD WIRELINE. CLOSED IN WELL CLOSED AND LOCKED PIPE RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS. CLOSED TIW VALVE AND INSTALLED NIGHT CAP SDFN
11/14/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON SCANNING TUBING. FILLED OUT AND REVIEWED JSA.
	7:30	12:00	4.50	WOR	39		P		100 TSIP 150 CSIP BLED DOWN WELL. RU SCANNERS, TOOH SCANNIG 274 JTS 2 7/8 L-80 EUE TBG, TAC, 4-JTS 2 7/8 EUE TBG HAD 222-YELLOW, 52 BLUE AND 4 RED.
	12:00	17:30	5.50	WLWORK	26		P		RU WIRELINE PRESSURE TEST LUBRICATOR HELD. RIH W/ 4" GR/JB TO 9580'. RIH W/ 6" GR/JB SET DOWN @ 6515'. PULLED OUT JB FULL OF DEHYDRATED OIL. ADDED WEIGHT RIH TO LINER TOP 9434'. RIH AND SET 5" CBP @ 9570 W/ 0 PSI POOH. CLOSED IN WELL CLOSED AND LOCKED BLIND RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS. SDFN
11/15/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY
11/16/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY
11/17/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON PRESSURE TESTING CSG. FILLED OUT AND REVIEWED JSA.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30	9:30	2.00	WOR	06		P		0 CSIP. OPENED WELL. FILLED CSG W/ 230 BBLS 2% KCL. FLUID LEVEL 6200'. PRESSURE TEST CBP @ 2200 PSI. HELD. BLED DOWN WELL.
	9:30	14:00	4.50	WLWORK	26		P		RIH PRESSURE UP ON CBP SET 2ND CBP @ 9556' W/ 2200 PSI.CSG FOAMED UP BLED DOWN CSG 130 BBLS.MADE TWO DUMP BAIL RUNS. DUMPED BAILED 35' SAND ON CBP @ 9556'. RD WIRELINE.
	14:00	16:00	2.00	WOR	06		P		FILLED CSG W/ 130 BBLS. PRESSURE TEST @ 8000 PSI HELD. BLED DON WELL
	16:00	17:30	1.50	WHDTRE	16		P		NU 7" HCR VALVE, GOAT HEAD AND HCR VALVE. LOSED IN WELL CLOSED FRAC VALVES. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS. SDFN.
11/18/2015	6:00	8:30	2.50	SITEPRE	18		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP MANIFOLD. FILLED OUT AND REVIEWED JSA.
	8:30	13:00	4.50	SITEPRE	01		P		RIG UP MANIFOLD AND FLOW BACK LINES SDFN.
11/19/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON PRESSURE TESTING. FILLED OUT AND REVIEWED JSA.
	7:30	10:00	2.50	WOR	16		P		PRESSURE TESTED FRAC STACK @ 9500 PSI HELD. SDFN.
11/20/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY
11/21/2015	6:00	7:30	1.50	WOR	18		P		NO ACTIVITY
11/22/2015	6:00	7:30	1.50	WLWORK	28		P		CT HOLD SAFETY MTG ON RU WIRE LINE, WRITE & REVIEW JSA'S
	7:30	10:00	2.50	STG01	21		P		MI RU WIRE LINE, RIH & PERF STG 1 PERFS FROM 9502'-9422' W/ 2-3/4" TAG RTG GUNS, 16 GM CHARGES, 3SPF @ 120 DEG PHASING, STARTING PRESSURE 1000 PSI, ENDING PRESSURE WAS ON VACUME, ALL PERFS CORRELATED TO PERFORATORS CBL/GR/CCL RUN 1 LOG DATED 3/7/2014, POOH W/ WIRE LINE SECURE WELL, CLOSE 7" MASTER VALVE, 2 HCR VALVES & LOCK THEM, NIGHT CAP TOP OF STACK, CLOSE & NIGHT CAP CSG VALVES, SDFW
11/23/2015	6:00	6:00	24.00	STG01	18		P		HEAT FRAC WTR, MOVE IN & RU FRAC EQUIP
11/24/2015	6:00	7:30	1.50	STG01	28		P		CT HOLD SAFETY MTG ON FRACING OPERATIONS, WRITE & REVIEW JSA'S
	7:30	10:00	2.50	STG01	18		P		CONT RU FRAC CREW, START & WARM UP EQUIPMENT
	10:00	12:00	2.00	STG01	35		P		PRESSURE TEST PUMP LINES TO 9002 PSI. OPEN WELL. SICP 0 PSI. FILL CSG W/ 194 BBLS, BREAK DOWN STAGE 1 PERFORATIONS @ 5281 PSI, PUMPING 19 BPM. BRING RATE UPTO 37 BPM. PUMP 328 TTL BBLS FLUID THEN PERFORM STEP RATE SHUT DOWN TEST. ISIP 3540 PSI. FG .80. 5 MIN 1215 PSI. 10 MIN 203 PSI, 10 MIN 0 PSI. TREAT STAGE 1 PERFORATIONS W/ 10,000 GALLONS 15% HCL ACID, 4500 LBS 100 MESH SAND IN 1/2 PPG STAGE & 40,700 LBS WHITE 30/50 SAND IN 1/2 PPG, 1 PPG, 2 PPG & 3 PPG STAGES. ISIP 4017 PSI. FG .85. AVG RATE 52 BPM. MAX RATE 59 BPM. AVG PSI 6413 PSI. MAX PSI 7060 PSI. SHUT IN WELL & TURN OVER TO WIRE LINE. 3214 BBLS FLUID TO RECOVER.
	12:00	14:00	2.00	STG02	21		P		PRESSURE TEST LUBERICATOR, RIH & SET 7" CBP @ 9405'. PERFORATE STAGE 2 PERFORATIONS FROM 9390' TO 9121', USING 3-1/8" TAG-RTG GUNS, 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE PERFORATORS CBL/GR/CCL RUN 1 LOG DATED 03/17/2014, STARTING PRESSURE 900 PSI, ENDING 2500 PSI, POOH W/ W.L., SHUT WELL IN & TURN OVER TO FRAC CREW

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 15:30	1.50	STG02	35		P		PRESSURE TEST PUMP LINES TO 9021 PSI. OPEN WELL. SICP 2600 PSI. BREAK DOWN STAGE 2 PERFORATIONS @ 3973 PSI, PUMPING 10 BPM. BRING RATE UPTO 38 BPM. PUMP 107 TTL BBLS FLUID THEN PERFORM STEP RATE SHUT DOWN TEST. ISIP 2685 PSI. FG .72. 5 MIN 2580 PSI. 10 MIN 2557 PSI. TREAT STAGE 2 PERFORATIONS W/ 5,000 GALLONS 15% HCL ACID, 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE & 130,300 LBS WHITE 30/50 SAND IN 1/2 PPG, 1 PPG, 1.5 PPG, 2 PPG & 3 PPG STAGES. ISIP 3360 PSI. FG .79. AVG RATE 75.4 BPM. MAX RATE 76 BPM. AVG PSI 4517 PSI. MAX PSI 5077 PSI. SHUT IN WELL & TURN OVER TO WIRE LINE. 3641 BBLS FLUID TO RECOVER.
	15:30 18:00	2.50	STG03	21		P		PRESSURE TEST LUBERICATOR, RIH & SET 7" CBP @ 9085'. PERFORATE STAGE 3 PERFORATIONS FROM 9070' TO 8916', USING 3-1/8" TAG-RTG GUNS, 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE PERFORATORS CBL/GR/CCL RUN 1 LOG DATED 03/17/2014, STARTING PRESSURE 2500 PSI, ENDING 1200 PSI, POOH W/ W.L., SHUT 7" MASTER VALVE, HCR VALVES & LOCK, & NIGHT CAP TOP OF STACK, GREASE FRAC STACK VALVES & SDFN
11/25/2015	6:00 7:30	1.50	STG03	28		P		TRAVEL TO LOC, HOLD SAFETY MTG ON FRACING & W.L. OPERATIONS WRITE & REVIEW JSA'S
	7:30 8:00	0.50	STG03	18		P		START & WARM UP EQUIP
	8:00 9:00	1.00	STG03	35		P		PRESSURE TEST PUMP LINES TO 9092 PSI. OPEN WELL. SICP 935 PSI. BREAK DOWN STAGE 3 PERFORATIONS @ 2043 PSI, PUMPING 10 BPM. BRING RATE UPTO 38 BPM. PUMP 107 TTL BBLS FLUID THEN PERFORM STEP RATE SHUT DOWN TEST. ISIP 1761 PSI. FG .63. 5 MIN 1346 PSI. 10 MIN 1228 PSI. TREAT STAGE 3 PERFORATIONS W/ 5,000 GALLONS 15% HCL ACID, 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE & 75,300 LBS WHITE 30/50 SAND IN 1/2 PPG, 1 PPG, 1.75 PPG & 2.5 PPG STAGES. ISIP 2154 PSI. FG .67. AVG RATE 75 BPM. MAX RATE 76 BPM. AVG PSI 3203 PSI. MAX PSI 3964 PSI. SHUT IN WELL & TURN OVER TO WIRE LINE. 2898 BBLS FLUID TO RECOVER.
	9:00 11:00	2.00	STG04	21		P		RIH & SET 7" CBP @ 8822'. PERFORATE STAGE 4 PERFORATIONS FROM 8807' TO 8567', USING 3-1/8" TAG-RTG GUNS, 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE PERFORATORS CBL/GR/CCL RUN 1 LOG DATED 03/07/2014, STARTING PRESSURE 1400 PSI, ENDING 1200 PSI, POOH W/ W.L., SHUT WELL IN & TURN OVER TO FRAC CREW
	11:00 12:00	1.00	STG04	35		P		PRESSURE TEST PUMP LINES TO 8976 PSI. OPEN WELL. SICP 1351 PSI. BREAK DOWN STAGE 4 PERFORATIONS @ 2161 PSI, PUMPING 10 BPM. BRING RATE UPTO 40 BPM. PUMP 102 TTL BBLS FLUID THEN PERFORM STEP RATE SHUT DOWN TEST. ISIP 1515 PSI. FG .61. 5 MIN 1329 PSI. 10 MIN 1292 PSI. TREAT STAGE 4 PERFORATIONS W/ 5,000 GALLONS 15% HCL ACID, 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE & 115,800 LBS WHITE 30/50 SAND IN 1/2 PPG, 1 PPG, 1.5 PPG, 2 PPG & 3 PPG STAGES. ISIP 2039 PSI. FG .67. AVG RATE 74.1 BPM. MAX RATE 76.3 BPM. AVG PSI 2741 PSI. MAX PSI 3513 PSI. SHUT IN WELL. 3207 BBLS FLUID TO RECOVER.
	12:00 15:00	3.00	RDMO	02		P		RIG DWN & MOVE OFF LOCATION W/ FRAC & WIRE LINE EQUIPMENT
	15:00 6:00	15.00	FB	19		P		OPEN WELL @ 1200 PSI ON 10/64 CHOKE FLOWED 224 BBLS H20 CURRENT PRESSURE IS 800 PSI
11/26/2015								

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00	7:30	1.50	FB	19		P		HOLD SAFETY MTG ON SLIPS & TRIPS PROPPER HAND PLACEMENT, WRITE & REVIEW JSA'S, WELL FLOWING ON 12/64 CHOKE FLOWED 419 BBLS WTR, LIGHT TRACE OF OIL, 0 MCF CURRENT PRESSURE 475 PSI
11/27/2015	6:00	7:30	1.50	FB	19		P		HOLD SAFETY MTG ON WEARING PROPPER PPE, WRITE & REVIEW JSA'S, WELL FLOWING ON 16/64 CHOKE FLOWED 611 BBLS WTR, TRACE OF OIL, CURRENT PRESSURE 275 PSI
11/28/2015	6:00	6:00	24.00	FB	19		P		HOLD SAFETY MTG ON FLOW TESTING OPERATIONS WRITE & REVIEW JSA'S, CURRENT PRESSURE 38 PSI, ON 32/48 CHOKE FLOWED 803 BBLS WATER, TRACE OIL
11/29/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON ND FRAC STACK WRITE & REVIEW JSA'S
	7:30	9:00	1.50	WOR	16		P		ND 7" GOAT HEAD & TOP 7" HCR VALVE
	9:00	11:00	2.00	WOR	15		P		50 PSI ON WELL, PUMP 200 BBLS BRINE DWN CSG, STILL PRESSURE ON WELL, WATCH IT FOR 30 MIN TO GO TO 0 PSI & THEN ON VACUME
	11:00	12:30	1.50	WOR	16		P		ND BTM 7" HCR VALVE, NU 5K BOP ON TOP OF 7" FRAC VALVE, TEST 5K CONNECTION, PIPE & BLIND RAMS TO 4800 PSI GOOD TEST
	12:30	13:30	1.00	WOR	18		P		RU WORK FLOOR, TBG TONGS & PUT BAILS & ELEVATORS ON BLOCKS
	13:30	15:00	1.50	WOR	39		P		MU & RIH W/ 6" ROCK BIT, BIT SUB & TALLYING 222 JTS 2-7/8" EUE L-80 YELLOW BAND TBG OUT OF DERRICK
	15:00	16:00	1.00	WOR	24		P		TALLY PU & RIH W/ 40 JTS 2-7/8" EUE L-80 TBG, EOT @ 8556', SECURE WELL, CLOSE & LOCK PIPE RAMS, CLOSE TIW, CSG VALVES & NIGHT CAP ALL VALVES, DRAIN PUMP & PUMP LINES, SDFN
11/30/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON MAKING CONNECTIONS W/ POWER SWIVEL
	7:30	8:30	1.00	WOR	15		P		SICP 200 PSI, SITP 100 PSI, BLOW DWN TBG & CSG, PUMP 20 BBLSBRINE DWN TBG, RIH W/ 9 JTS 2-7/8" TBG TAG 7" CBP
	8:30	16:00	7.50	WOR	10		P		RU POWER SWIVEL, BEGIN REVERSE CIRC, DRILL OUT 7" CBP @ 8822', CIRC TBG CLEAN, PUMP 15 BBLS BRINE DWN TBG, SWIVEL DWN 7 JTS, TAG SAND @ 9042' CLEAN OUT SAND & DRILL OUT CBP @ 9074', CIRC TBG CLEAN, PUMP 15 BBLS BRINE DWN TBG, SWIVEL DWN 9 JTS TBG, TAG SAND @ 9377', CLEAN OUT SAND & DRILL OUT 7" CBP @ 9405', PUSH REMAINS TO L.T. @ 9434' & FINISH DRILLING UP CBP REMAINS, CIRC TBG CLEAN, PUMP 30 BBLS BRINE DWN TBG
	16:00	17:00	1.00	WOR	39		P		RD POWER SWIVEL, LD 4 JTS 2-7/8" TBG, POOH & STAND BACK IN DERRICK W/ 42 JTS 2-7/8" EUE L-80 TBG, EOT @ 7975', SECURE WELL, SHUT & LOCK PIPE RAMS, CLOSE & NIGHT CAP TIW VALVE, DRAIN PUMP & HARD LINE SDFN
	17:00	6:00	13.00	FB	19		P		TURN WELL OVER TO FLOW BACK CREW, CURRENT PRESSURE 25 PSI, 64/64 CHOKE, FLOWED 275 BBLS WATER
12/1/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON ICE PLUGS IN PUMP & RETURN LINES, WRITE & REVIEW JSA'S
	7:30	8:30	1.00	WOR	39		P		TBG 0 PSI CSG 25 PSI, TOOH W/ 70 JTS 2-7/8" TBG
	8:30	9:30	1.00	WOR	15		P		CIRC WELL BORE W/ 140 BBLS BRINE WTR
	9:30	10:30	1.00	WOR	39		P		CONT TOOH W/ 2-7/8" TBG, BIT SUB & 6" ROCK IT
	10:30	13:00	2.50	WOR	39		P		MU & RIH W/ 4-1/8" ROCK BIT, BIT SUB, 5 JTS 2-3/8" EUE L-80 TBG, 2-7/8" X 2-3/8" EUE X OVER & 285 JTS 2-7/8" EUE L-80 TBG TAG @ 9449'
	13:00	15:30	2.50	WOR	10		P		RU POWER SWIVEL BEGIN REVERSE CIRC, CLEAN OUT SAND FROM 9449' TO 9515', CIRC TBG CLEAN, PUMP 20 BBLS BRINE DWN TBG, RD & RACK OUT POWER SWIVEL

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	15:30	17:00	1.50	WOR	39		P		LD 28 JTS 2-7/8" EUE L-80 TBG, TOOH & STAND BACK IN DERRICK W/ 140 JTS 2-7/8" EUE L-80 TBG, EOT @ 4050', SECURE WELL, SHUT & LOCK PIPE RAMS, CLOSE TIW & CSG VALVES, INSTALL & CLOSE NIGHT CAPS, DRAIN PUMP & HARD LINE, SDFN
12/2/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON, FROZEN BOP & TBG, WRITE & REVIEW JSA'S
	7:30	10:30	3.00	WOR	39		P		THAW OUT BOP & TIW VALVE, SICP 200 PSI, SITP 200 PSI, CIRC WELL W/ 145 BBLS BRINE WTR, TOOH W/ 119 JTS 2-7/8" TBG, BIT SUB & 4-1/8" BIT
	10:30	13:30	3.00	WOR	39		P		MU & TIH W/ 5-3/4" SOLID NO-GO, 2 JTS 2-7/8" TBG, 5-1/2" PBGA, 4' X 2-7/8" N-80 TBG SUB, 2-7/8" +45P.S.N., 2' X 2-7/8" TBG SUB, 4 JTS 2-7/8" EUE L-80, 7" TAC & 253 JTS 2-7/8" EUE L-80 TBG, MU 6' SUB & TBG HANGER
	13:30	14:30	1.00	WOR	16		P		SET 7" TAC @ 8277', P.S.N. @ 8411' & EOT @ 8510', TEMP LAND TBG ON HANGER, RD TBG TONGS & WORK FLOOR, NDBOP & 7" FRAC VALVE, UNLAND & LD TBG HANGER & 6' TBG SUB, MU 10K B-FLANGE & LAND TBG IN 25K TENSION, NUWH HOOK UP FLOW LINES
	14:30	15:30	1.00	WOR	18		P		FLUSH TBG W/ 65 BBLS 2% KCL, X OVER TO ROD EQUIP
	15:30	17:30	2.00	INARTLT	03		P		PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 40' ACCELERATED H.F. PUMP, 3' STABILIZER SUB, PU & RIH W/ 16, 1-1/2" C BARS, 101-3/4" RODS TOP 16 ARE NEW, RIH W/ 144-7/8" RODS, PU POLISH ROD SECURE WELL SDFN
12/3/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ RODS WRITE & REVIEW JSA'S
	7:30	9:00	1.50	INARTLT	03		P		LD POLISH ROD, LD 21 -7/8" RODS W/G, RIH W/ 100-1" RODS SPACE RODS OUT W/ 2', 4', 6', 8' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP FILL TBG W/ 3 BBLS TEST TBG TO 1000 PSI, STROKE TEST PUMP, GOOD TEST
	9:00	12:00	3.00	RDMO	02		P		RIG DWN RIG, SLIDE IN P.U. HANG OFF RODS, STROKE TEST P.U. GOOD PUMP ACTION, TWOTP, RACK OUT PUMP & TANK, PU LOCATION, ROAD RIG TO 3-9C4, SDFN

Table of Contents

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Kozar 2-5C4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013525510000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5138 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2100 FSL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 05 Township: 03.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/3/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached proposed recompletion procedure along with current and post WBD's.

Approved by the Utah Division of Oil, Gas and Mining
August 03, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst
SIGNATURE N/A		**DATE** 8/3/2016

RECEIVED: Aug. 03, 2016

Kozar 2-5 C4 Drillout Summary Procedure

- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Pick up rock bit, and run in hole to drill up (2) 5" CBPs @ 9,556' and 9,570'. Note top perf BELOW plug is @ 9,576'. Continue cleaning out well to PBTD @ 12,390'.
- Pull out of hole with work string and rock bit.
- RIH w/ production tubing and rods according to WBD.
- Clean location and resume production.

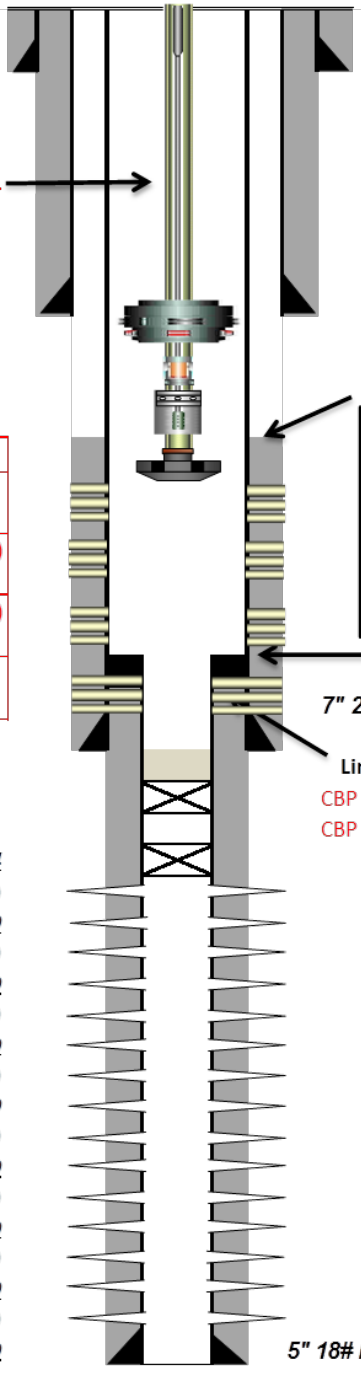
RECEIVED: Aug. 03, 2016

CURRENT WBD:

EP ENERGY

Wellbore Schematic

Well Name:	Kozar 2-5C4	Last Updated:	12/3/2015
Company Name:	EP Energy	By:	Krug
Field, County, State:	Alamont, Duchesne, Utah	TD:	12,493'
Surface Location:	Lat: 40° 14' 51.796" N Long: 110° 21' 59.872" W	API:	430-1352-5510-0000
Producing Zone(s):	Wasatch	AFE:	



13-3/8" 54.5# J-55 STC @ 633 ft. MD

253 Jts 2-7/8" 6.5# L-80 8rd Tubing

ROD DETAIL
1-1/2" x 40' Polished Rod
4 Pony 1" Rods (20')
100 (2,500') - 1" EL Rods mixed
121 (3,025') - 7/8" EL Rods w/4 guides/rod
101 (2,525') - 3/4" EL Rods w/ 4 guides/rod
16 (400') - 1 1/2" Sinker "K" Bars
3' x 7/8" Pony Rod
2 1/2" x 1-3/4" x 40' HF Insert Pump

9-5/8" 40# N-80 LTC @ 2215 ft. MD

7" TOC: 6,540 ft MD

Tubing Anchor @ 8,277'
4 jts 2-7/8" 6.5# N-80 8rd Tubing
4' x 2-7/8" tbg sub
Seating Nipple @ 8,413'
2' x 2 7/8" Tubing Sub
5 1/2" x 32' PBGA
2 jts 2-7/8" Mud Anchor
5 3/4" No-Go Nipple
EOT @ 8,512'

Top of Liner at: 9,434 ft MD

7" 29# HCP-110 LTC @ 9680 ft. MD
Drift ID = 6.059"
Liner TOC at: 9,434 ft MD

CBP @ 9,556' w/ 35' sand on top of plug
CBP @ 9,570'

November '15 Recompletion

STG 4: 8,567' - 8,807' (21'/63 holes)
5,000 gals HCl + 3,100# 100M + 115,800# 30/50
STG 3: 8,916' - 9,070' (19'/57 holes)
5,000 gals HCl + 3,100# 100M + 75,300# 30/50
STG 2: 9,121' - 9,390' (22'/66 holes)
5,000 gals HCl + 3,000# 100M + 130,300# 30/50
STG 1: 9,422 - 9,502' (12'/36 holes)
10,000 gals HCl + 4,500# 100M + 40,700# 30/50

Initial Completion Perfs - Mar'14

9,576' - 9,869' (23'/69 holes)
5,000 Gals 15% HCL + 151,100# 20/40
9,933' - 10,219' (23'/69 holes)
5,000 Gals 15% HCL + 150,540# 20/40
10,254' - 10,570' (23'/69 holes)
5,000 Gals 15% HCL + 164,820# 20/40
10,640' - 10,914' (23'/69 holes)
5,000 Gals 15% HCL + 155,200# 20/40
10,945' - 11,224' (23'/69 holes)
5,000 Gals 15% HCL + 160,340# 20/40
11,242' - 11,596' (23'/69 holes)
5,000 Gals 15% HCL + 147,560# 20/40
11,631' - 11,943' (23'/69 holes)
5,000 Gals 15% HCL + 140,100# 20/40
11,976' - 12,325' (23'/69 holes)
5,000 Gals 15% HCL + 140,080# 20/40
PBTD@12,400' (SLM)-6/4/14

5" 18# HCP-110 STL @ 9434 - 12495 ft. MD
Drift ID = 4.151"

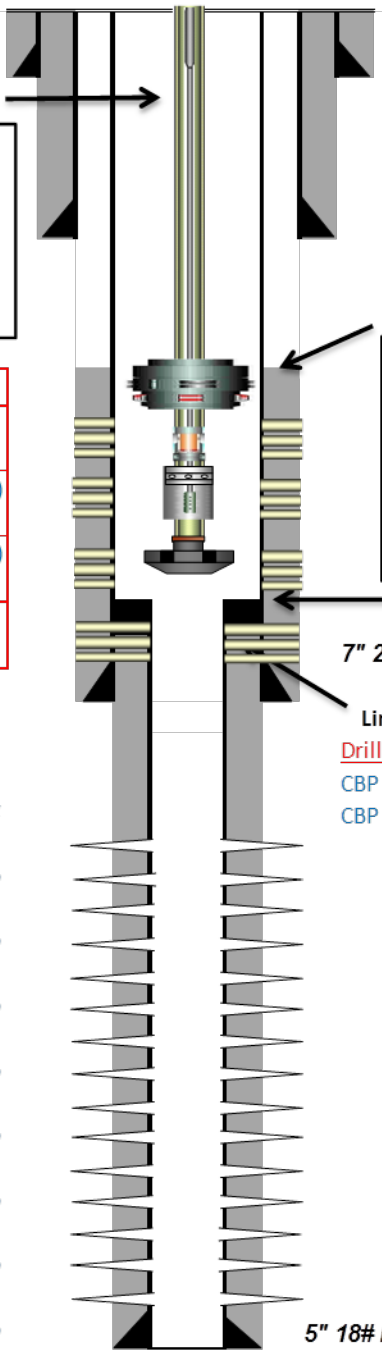
RECEIVED: Aug. 03, 2016

PROPOSED WBD:

EP ENERGY

Proposed RECOM-DO Wellbore Schematic

Well Name:	Kozar 2-5C4	Last Updated:	7/13/2016
Company Name:	EP Energy	By:	Tomova
Field, County, State:	Alamont, Duchesne, Utah	TD:	12,493'
Surface Location:	Lat: 40º14' 51.796" N Long: 110º21' 59.872" W	API:	430-1352-5510-0000
Producing Zone(s):	Wasatch	AFE:	



13-3/8" 54.5# J-55 STC @ 633 ft. MD

286 Jts 2-7/8" 6.5# L-80 8rd Tubing

ROD DETAIL
1-1/2" x 40' Polished Rod
110 (2,750') - 1" EL Rods SLK-bottom 10 guided
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9-5/8" 40# N-80 LTC @ 2215 ft. MD

7" TOC: 6,540 ft MD

Tubing Anchor @ 9,175'
4 jts 2-7/8" 6.5# N-80 8rd Tubing
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Top of Liner at: 9,434 ft MD

7" 29# HCP-110 LTC @ 9680 ft. MD
Drift ID = 6.059"
Liner TOC at: 9,434 ft MD

Drill out CBPs-
CBP @ 9,556' w/ 35' sand on top of plug
CBP @ 9,570'

November '15 Recompletion
STG 4: 8,567' - 8,807' (21'/63 holes)
5,000 gals HCl + 3,100# 100M + 115,800# 30/50
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STG 2: 9,121' - 9,390' (22'/66 holes)
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STG 1: 9,422 - 9,502' (12'/36 holes)
10,000 gals HCl + 4,500# 100M + 40,700# 30/50

Initial Completion Perfs - Mar'14

9,576' - 9,869' (23'/69 holes)
5,000 Gals 15% HCL + 151,100# 20/40
9,933' - 10,219' (23'/69 holes)
5,000 Gals 15% HCL + 150,540# 20/40
10,254' - 10,570' (23'/69 holes)
5,000 Gals 15% HCL + 164,820# 20/40
10,640' - 10,914' (23'/69 holes)
5,000 Gals 15% HCL + 155,200# 20/40
10,945' - 11,224' (23'/69 holes)
5,000 Gals 15% HCL + 160,340# 20/40
11,242' - 11,596' (23'/69 holes)
5,000 Gals 15% HCL + 147,560# 20/40
11,631' - 11,943' (23'/69 holes)
5,000 Gals 15% HCL + 140,100# 20/40
11,976' - 12,325' (23'/69 holes)
5,000 Gals 15% HCL + 140,080# 20/40
PBTD@12,400' (SLM)-6/4/14

5" 18# HCP-110 STL @ 9434 - 12495 ft. MD
Drift ID = 4.151"

RECEIVED: Aug. 03, 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Kozar 2-5C4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013525510000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2100 FSL 1000 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSW Section: 05 Township: 03.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 8/8/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: DO Plugs

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP drilled out plugs @ 9556' & 9570'. Open perfs: 8567'-9502' (2015 Recom) & 9576'-12325' (Initial Completion). Please see attached for details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 19, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5138	Consultant
SIGNATURE		**DATE**
N/A		10/10/2016

RECEIVED: Oct. 10, 2016

CENTRAL DIVISION

ALTAMONT FIELD
KOZAR 2-5C4
KOZAR 2-5C4
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Oct. 10, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30	10:30	3.00	WOR	39		P		THAW OUT BOP & TIW VALVE, SICP 200 PSI, SITP 200 PSI, CIRC WELL W/ 145 BBLS BRINE WTR, TOOH W/ 119 JTS 2-7/8" TBG, BIT SUB & 4-1/8" BIT
	10:30	13:30	3.00	WOR	39		P		MU & TIH W/ 5-3/4" SOLID NO-GO, 2 JTS 2-7/8" TBG, 5-1/2" PBGA, 4' X 2-7/8" N-80 TBG SUB, 2-7/8" +45P.S.N., 2' X 2-7/8" TBG SUB, 4 JTS 2-7/8" EUE L-80, 7" TAC & 253 JTS 2-7/8" EUE L-80 TBG, MU 6' SUB & TBG HANGER
	13:30	14:30	1.00	WOR	16		P		SET 7" TAC @ 8277', P.S.N. @ 8411' & EOT @ 8510', TEMP LAND TBG ON HANGER, RD TBG TONGS & WORK FLOOR, NDBOP & 7" FRAC VALVE, UNLAND & LD TBG HANGER & 6' TBG SUB, MU 10K B-FLANGE & LAND TBG IN 25K TENSION, NUWH HOOK UP FLOW LINES
	14:30	15:30	1.00	WOR	18		P		FLUSH TBG W/ 65 BBLS 2% KCL, X OVER TO ROD EQUIP
	15:30	17:30	2.00	INARTLT	03		P		PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 40' ACCELERATED H.F. PUMP, 3' STABILIZER SUB, PU & RIH W/ 16, 1-1/2" C BARS, 101-3/4" RODS TOP 16 ARE NEW, RIH W/ 144-7/8" RODS, PU POLISH ROD SECURE WELL SDFN
12/3/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ RODS WRITE & REVIEW JSA'S
	7:30	9:00	1.50	INARTLT	03		P		LD POLISH ROD, LD 21 -7/8" RODS W/G, RIH W/ 100-1" RODS SPACE RODS OUT W/ 2', 4', 6', 8' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP FILL TBG W/ 3 BBLS TEST TBG TO 1000 PSI, STROKE TEST PUMP, GOOD TEST
	9:00	12:00	3.00	RDMO	02		P		RIG DWN RIG, SLIDE IN P.U. HANG OFF RODS, STROKE TEST P.U. GOOD PUMP ACTION, TWOTP, RACK OUT PUMP & TANK, PU LOCATION, ROAD RIG TO 3-9C4, SDFN
8/4/2016	8:00	10:00	2.00	MIRU	01		P		TRAVEL TO RIG MOVE RIG AND EQUIP TO LOC HSM= RU & ROD & HOT OILER SAFETY
	10:00	17:30	7.50	PRDHEQ	18		P		SLIDE ROTAFLEX, TEST DEAD MEN, MIRU UNSEAT PUMP, MIRU HOT OILER, FLUSH RODS, POOH LD PUMP, RD ROD EQUIPMENT, ND W/H NU BOPS & HYDRILL, RU FLOOR AND TUBING EQUIP,,RELEASE TAC, TEST BOPS TO 4000 PSI W/ HOT OILER, SIW CLOSE AND LOCK PIPE RAMS W/ HANGER CLOSE CSG VALVES W/ BULL PLUG, CLOSE TIW W/ NIGHT CAP, PREP TO RU SCANERS SDFN
8/5/2016	6:00	7:30	1.50	PRDHEQ	18		P		TRAVEL TO LOC HSM= SCANING , TRIPING TUBING
	7:30	17:00	9.50	PRDHEQ	39		P		FWP= 40 PSI OPEN WELL, MIRU SCANERS , POOH SCANING TUBING,(@ 3200' OUT SCALE ON A FEW JNTS THEN CLEANED UP) POOH W/ 259 JNTS, 202 JNTS YB, (45BB, 8 RB DUE TO ROD WEAR) RD SCANNER PU 4-1/8" BIT & BS TALLY AND PU 96 JNTS 2-3/8" N-80 X-OVER, TALLEY AND RUN 194 JNTS OUT OF DERRICK EOT @ 9401, RU PUMP AND LINES MIRU PWR SWVL PROP TO DRILLSIW W/ TIW AND NIGHT CAP, CLOSE RAMS AND LOCK, SI CSG VALVES W/ BULL PLUG SDFN
8/6/2016	6:00	7:30	1.50	PRDHEQ	18		P		TRAVEL TO LOC HSM= PUMPING FLUID
	7:30	19:00	11.50	PRDHEQ	10		P		SIWP= 100, OPEN WELL RIH TAG FILL @ 9491'REV CIRC PUMP 650 BBLS 2% KCL NO CIRC, GET 40 GAL POLYMERMIX AND PUMP, EST CIRC @ 1600 BBLS, C/O 65' FILLTO 1ST CBP @ 9556' DRILL THRU PLUG IN 18 MIN CONTINUE TO 2ND PLUG @ 9570' CIRC CLEAN DRILL THRU 2ND CBP IN 30 MIN W/ SLIGHT LOSS OF CIRC, CIRCULATE CLEAN (TOTAL PUMPED= 2800 BBLS) RUN 2 JNTS W/ PWR SWVL, HANG SWVL BACK CONTINUE TO RIH PICKING UP AND TALLEY 79 JNTS, TAG @ 12349', POOH W/ 91 JNTS EOT @ 9401' CLOSE AND LOCK PIPE RAMS, SI CSG VALVES W/ BOLL PLUGS, STAB AND CLOSE TIW W/ NIGHT CAP, SDFN
8/7/2016	6:00	7:30	1.50	INSTUB	39		P		TRAVEL TO LOC HSM= TRIP TUB W/ HYDRO TESTING

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 19:00	11.50	INSTUB	39		P		SIWP= 0 PSI, OPEN WELL RIH FLUSH TUBING W/ HOT OILER TO CLEAN PIPE, POOH LD 2-3/8" AND BIT MIRU HYDRO TESTER PU BHA RIH TESTING, RD TESTER, SET TAC W/ 20K TENSION, LAND TUB ON HNGR SHUT AND LOCK PIPE RAMS, CLOSE CSG VALVES W/ BULL PLUG INSTALL TIW CLOSE W/ NIGHT CAP, SDFW
8/9/2016	7:00 8:30	1.50	PRDHEQ	39		P		TRAVEL TO LOC HSM=ND BOPS, RUN RODS
	8:30 14:00	5.50	PRDHEQ	39		P		SIWP= 200 PSI, OPEN WELL ND BOPS NU WELLHEAD PUMP ROD CHEM W/ 60 BBLS HOT KCLPU NEW PUMP RIH W/ RODS TAG SN SPACE OUT SEAT PUMP, STROKE AND PRESS TEST TO 1000 PSI RD RIG SLIDE ROLOFLEX HANG OFF RODS PREP TO MOVE 1-1/2"X 40' POLISH ROD 110 1" RODS BTM10 GUIDED 150 7/8" GUIDED 92 3/4" GUIDED 20 K-BARS 2-1/2' X 1-3/4" X 38' RHBC PUMP

RECEIVED: Oct. 10, 2016